

SEQUENCE LISTING

<110> Abuin, Alejandro
Zambrowicz, Brian
Sands, Arthur T.

<120> NOVEL MURINE POLYNUCLEOTIDE SEQUENCES
AND MUTANT CELLS AND MUTANT ANIMALS DEFINED THEREBY

<130> LEX-305-USA

<150> US 60/265,585

<151> 2001-01-31

<160> 1206

<170> FastSEQ for Windows Version 4.0

<210> 1

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<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(506)

<223> n = A,T,C or G

<400> 1

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gggattagat gngcacactc ctgctggcct acatatacctg ngtggncctg aanctctcat 360
cccacccaca gaagtgaaga tggncaccaga ggccgggaggn gaccttctt ggtcagcttt 420
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<223> n = A,T,C or G

<400> 2

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taagagcact gactgctctt ccaaaggccc tgagttcaaa tcccagcaac cacatggtgg 180
ttcaaaacca tctgtaacaa aaatctgatg ccttcttctg gagtgtctga agacagctac 240
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agtgtacaca catataataa ataaataaat aaataaataa atcttanaag aataaancct 300
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 taagatttttc ctgg 374

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 tcagtttccc aggcagctac aggcaggagg gcttcaccac ccattctgtt aacttccagc 180
 tcctggggggg aaccagccac tgggncntng gcagccgccc tcacttccat gcacacacac 240
 acatatngtt aaagatgacg caggaggagc caaaaaggac aagacagagg atataatcac 300
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 <222> (1)...(328)
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<400> 4
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 cacctacctg tccccaaatt ccattnatte tactgtcttc ggatggagga cacaccatnt 180
 agcaactgg tggcttntgc aggctgnnta aaatgaacag tacncgcca caccacaga 240
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 ggtaaactac cctgctgctt atgcacccca ggacgactta ccaaaggatg gtaccattca 180
 caaagggcag agccctccta cacaatttag ccctcaggaa aatgccccaa gatgtgcca 240
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gaaaaaaciaa acaa 434

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<212> DNA
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<220>
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<223> n = A,T,C or G

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ccacctgact ctcaggaatg atgagagctc ctaacagcac accctgnaat tcccagttca 180
gccgctctca gtgctgcagc tnacaggcaa ncagtggngc atagtgactg gntaggtnc 240
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aantngacta gcncaaagan attgaaggga ccaaactcca ataanannca ctgncnagcg 360
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<220>
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<222> (1)...(423)
<223> n = A,T,C or G

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aatacatttc tttttaagct tctaggggct ggagagatgg ctccaagggt aagagcactg 240
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aaa 423

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<212> DNA
<213> Mus musculus

<220>
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<223> n = A,T,C or G

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cntggatttg annncnact ntgaatagna agtgtganc ctccatgcct gtaaccccat 180
 caaccacga ggcccgagag gaagaagatc agaagntcaa ggccggggcc tggtagatg 240
 gctcagtga ttagagcacc cgctgtctc tncgaangtc ctgnagttca aatcccagca 300
 accacatggn ggctcacanc catctgtaac aggatctgac gccctcttct ggagtgtctg 360
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 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(396)
 <223> n = A,T,C or G

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 gagaccatca ggctgtttcg tggaacttcc accaaagaga tgcagaaatg gagactccag 180
 agctggagag agagagatga ctcaactgtt aaaagcactg actgctcttc cagaggctct 240
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 cctcctctgg tgtgtctgaa gacagtgatg gtgtactgac atatatgaag taaataagta 360
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 <211> 394
 <212> DNA
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<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

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 cctaccgagg atcccaccct gccacctctc agatctgggt gtccactcc catgaagctc 180
 catgcgtacc ccagattttc ggggagtcct gcatctacct tectaccgt gagccacttg 240
 gatcaccatg gaaacagcaa tgttctctat gggcaacatc gtttctatgg aacccaaaaa 300
 gataacttat acctgcggnc cngcaccggc ctgnccact ctacancna ggngantggc 360
 antagnang tatctnttac ctctgttgat gaca 394

<210> 11
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<220>
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 <222> (1)...(103)
 <223> n = A,T,C or G

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ctatggagtt ctgacaaatt cagctcaact gggcaatgta agg

103

<210> 12
<211> 359
<212> DNA
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<220>
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<222> (1)...(359)
<223> n = A,T,C or G

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gcatgcatac atacatacat acatacatac natacaccna atngtacana aagcaanang 180
ctngcagccn accatnagac tgagcacaga gaccccaatg gaggagttag gagggactga 240
aggagctgag gggatttatc tgacatcaat aggaggggag gccgttggtc ctgtgagggc 300
ttgatgccct agtgtagatg aatgctaggg cagtgagggg ggagtgggtg ggtagggga 359

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<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(355)
<223> n = A,T,C or G

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

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gacaggacaa tgcacaaggc accccaccca cggntggaga gatggctcag ccggttaaga 180
gcacataact gctcttctga aggtcctgag ttcaaattcc aacaaccaca tggtagttca 240
caaccattcc taatgagatc agatgcactc ttctgggtgtg tctgaagaca gctacaatgt 300
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 <222> (1)...(186)
 <223> n = A,T,C or G

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 cctttg 186

<210> 16
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 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(320)
 <223> n = A,T,C or G

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 nctttngtnn nttnnganaa gacagcngca gctgtcatna ctatctatgc attatcatcc 180
 agccctcagc cattgaacat ctngatnctc ctacttcaac tcccatgccc acccccagtg 240
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 ataaatgtca cctttgacct 320

<210> 17
 <211> 370
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 17
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 taaggaaaat tactaacacc gcagactgtg gatgcacagt ctctgcaccc gagaacagtg 180
 ctcggtacaa ggcaagtgtt ccaatttgca aggcaagaag gagttcatgg tttttatgac 240
 ttagcgtgga agccaaacta tcaactttcac caaattcaac gtattaacag caagtcacca 300
 accattcagg aaaatgcntt ttccagtana aggctgagca atgactacat attcatgatt 360
 caaataagaa 370

<210> 18
 <211> 295
 <212> DNA

<213> Mus musculus

<400> 18

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aagaaaactg actcctgcag tttgtcatcc caactctatg tgcgtgctgt gacacacaac 120
acatgttgaa actcacacac aacaaagggg gtggaaaatt ggtgtgataa cactagagga 180
ccatcccaga gccatcacat catgctccaa gaaacatttc aagacaattc cctaccagtg 240
agatatatga atttcaaata gagaggacct atcaacagta gcaattaaaa aaaaaa 295
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<210> 19

<211> 294

<212> DNA

<213> Mus musculus

<400> 19

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tcagaccttc tttgccacag ttgctagtgc acctagggtg gagtcttcct acctaggtaa 120
agttttgtct gccacatctg tgcacatctg cagcttcctg caagaagcta cctgctgagc 180
agccgagcct tgtcttcctg atgagaaagt gggatcctgg cacagtgggg gatggattcc 240
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<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(116)

<223> n = A,T,C or G

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<210> 21

<211> 280

<212> DNA

<213> Mus musculus

<400> 21

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caaactgacc atggagacta gccatactgt ttctctgtgt aaccctggct gtcctggaac 180
ttactctgtg gaccaggctg gcttcgaact cagaaatccg cctgcctctg cctcccaagt 240
gctgggatta aaggtttaat attcatctta aaaaaaaaaa 280
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<211> 181

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(181)

<223> n = A,T,C or G

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 gcaactggcac ncatgtgtgc acatacatag aggtgagcaa aacacttgta taataaacat 180
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 <212> DNA
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<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

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 cgtgtgtgtg tgtgtgtgtg tgtg 144

<210> 24
 <211> 241
 <212> DNA
 <213> Mus musculus

<400> 24
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 g 241

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 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(281)
 <223> n = A,T,C or G

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 actnccactt ctgggaaaca aagaagtggg ggntaccccn gtggtaccag acacantaac 180
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<210> 26
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

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 tggaattaag tgcacatcc tacctgcag acctgctatc ttgtttattc agtgg 175

<210> 27
 <211> 692
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(692)
 <223> n = A,T,C or G

<400> 27
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 gttcattatt ncaagaatcc ccccgagnan tgcacaaggg aacagncggg ccccgnaagc 180
 cacttcttgg cgnaggagcg cttacctgcc gcagaccttc cttagtcaca tgggtggggg 240
 cacccttgt gnagtttcac gcctgcacgn anaggggtgtg catgtgacnc ggcccagttt 300
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 tnccttattt tccttttcaa gctgtaaaaa ctgtctgcc ttttttctg tgggcattgc 480
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<210> 28
 <211> 684
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = A,T,C or G

<400> 28
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 tgcagnattc caccggtcac tgcgcgncgc ccacagtgta cgtctacccc acganaaggc 540
 acacactntt agtnttgctg ggacgacccn tggntcaana atgttctntg ntcattnccc 600
 aacaggnacn tgnacggaac naggactntc acaaggntgc gcgtgntctg cnngaggctc 660
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<210> 29
 <211> 656
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(656)
 <223> n = A,T,C or G

<400> 29
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 gnaaaacagn actcacaggt cctttcaggn aaccagacgg nactcccagn aggccggagg 120
 tgaagatgga ctctctgaaa gcttccagct tctgcagggt gatgtggagt acgagcgccc 180
 agaagagacc agccctgcaa acagtgccgt gtggagctcg nnangcgctg cgtgaaagct 240
 cagtcnntgc tgnngncttg tcnnngtggc tnnncnnag atctntgctc taagnganga 300
 tntangagcc tgacgatgca atgctatcnn ttttaattgcc tctggcatna cagctcacct 360
 cttcncctttt gatgaatgcc tnatgccaat aagaatcttt ngganaccaa acactcagga 420
 ccaagactat gtgttgactt gagcatgacc cagcacatgt caaagaagga attgagtagg 480
 ttggcgggac agattcgaag gttgtatggt tcgaacaaaa aagccagcag gcccttttgg 540
 atctgcctta ctggattctc aactgccagc cccctctatg aggagtgtct gaggatgaac 600
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<210> 30
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 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
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<400> 30
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 aacagcttaa agagctgaag gaaatgcttt gtttaaatga catctgtcag aagggaggag 180
 ccaggcttga gttccgaatt agatatgtaa attgggcgtg cagagtatcc tagtccttga 240
 gagacctggg tcgaggaagc atcccgggtg gcctgagagt cacacgtgct gcgtgtgcct 300
 gtttagagggt ttgctgggaa ctacacgaac atttttctcg ctctacatc acatagccgt 360
 atcttccagg tagaatgata gacgcttttt tctgtctata gcttcaaaaa tgatcttggc 420
 tgagtagcct gccttggtcc taaggccctt gtggcaaatg cctttgggtt agtggtccca 480
 tttgtctcat cctgaaccat gttgggcccag gacaaagttc tcacctcccc gtagggaggc 540
 atgtgtgggt ttgaaaatga tgtttgtgtg gtgggggattt ttcagnaagc caggccacct 600
 ccccatctgc atttctgttg ggggggtggg ggccgggttg tttagaaggg a 651

<210> 31
 <211> 651
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

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<400> 31
cactaaaccc acctacacct ggcacatgtc atgtcacagn accttcaang accanacagt 60
gctgcagcgt ggnaccaggt ncacaaacac cttcggactc atgaagccac ggtggggcctt 120
ntccgggntc tccctgtgcc ttggttcttt gcagcccaag tgtaaggcag agccaaggnt 180
gggtgggtcac atatgtccag gttgcccaca caaccantac tgctactggn gtagctagta 240
ggaaattgng cacctgtttg agctnatagt atcgcanaag accaacattc cagtanaacat 300
cctgaatata gttgtatatt agaggaaggt cccaggagca ccatgggggt gcattttctc 360
ctgcaagccg gtagcctttg tcggcagcta gctgcagcaa gggctcaggg atggaggggg 420
ctgagcctgg ttagcagaac tggatgtagg cactgatactg aaagagggcg aagggagggc 480
tgactatgag caccgacaag cacacagagg ccatcagctt cagagggggc ttccaggggc 540
tcagcaccgc cagagaggaa caaaagcctc tgcactggga gtgcaggagg aagccaaggc 600
tcaccagccc attggagcgc accccagcag caagagcaaa gagcagccca t 651
```

```
<210> 32
<211> 649
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G
```

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<400> 32
agtgaccgct ggcggcngca ggactcntat tnaactttggt tgtnggaaac tncntntagca 60
ggnatcttna acnnggnncc canggnctnc gtggtnngcat cacgctagaa gggagacaca 120
naacaanggg nnannntggt agtgactnng tnnacancan catttatggt ntngggcgag 180
gaaacttntg nngtgnncca catcaccacc tctgnctttg catcannttg ganccgggtcc 240
acaaacncca tnnatantc ntangagctc ngtgangcac cancacttac ancntgagga 300
cagatcnngg tntngncctt nnantgntcc aaagangcat gnagacatnt ctctgtggaat 360
cttttccaca gctctacaag ggggtggtgtg atcattccat ttttaccaag gaagacggga 420
aggctctgaa tgggttcgatc actttggcag gatgaccctg tgagaaggat ctgaactctg 480
gccaggcctc tgcctcttcc tgatctgtgt agggagacca tcaattcgct cccttgtaga 540
acaggggctg gggagagggg ccgggtcgct ccttactcac tcgggtgcttg aacttggttg 600
aattcttatt ctcttctctg ntcagggtcaa taaaataatg ggtgaccct 649
```

```
<210> 33
<211> 644
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(644)
<223> n = A,T,C or G
```

```
<400> 33
agcgggaaca ttcaaggtna acccttagtg tttggaggca ttattagnac caggnaaccct 60
tggagggaca ttacccttgg nacaaaaggc accttccacc ggggcctgcc ggttggaggga 120
ccatttaagg gatttctaag gcgttcagtt ttcttaaggc ggcctggnat ttttctttca 180
tggcaaactg gcattgttca cccggggacc ttggaagncc aggaaaacat tttcttagng 240
gacaagtaat gggaccgtca agctgggtga ctttggcctc agactagnaa tactacagct 300
accaggatg ggccctccac gcctgtggng gttacgcctc ctggtaccga gactcctgaa 360
gttnttttgc agtctacata cgcaacaccc gtggnacatg tgggagcggt ggctgtatct 420
ttgcagaana atgttccgct ggaagacctc tctttntgtg gaaactctgt aagccgaccc 480
agctggggga aaaactttga tgctcattgg atngcctcca gaaaaaaaaa ctggcctcga 540
```

gnaggaatct ttaccttcga ggagcctttg nccccaaaag ggncctcggcc agtgcagtca 600
 gnggnggccca gaanatggna ggagtctggg agcgcacctt cctc 644

<210> 34
 <211> 643
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

<400> 34
 ctgcacttga cgactacgcc agacngcaag agctcttntt acttncgaac atgnggggcc 60
 ttggtaaatt gnnaacctct cacgagctat ntagaagaga ccttgctttg ggtnatgtnc 120
 ganctgggng gaaaaacagg ngnnncgnaa tgctnttttag ngctatcagg ntttaaant 180
 naaagnnnta aatgtattcc ctgggtaggc aaatggccta aggggataga ctccctctcca 240
 acccctggat ggaggttcaa gactagcttc cattgtctgc tctgttgaca gncatgggga 300
 aaaccacaaa ttaatagact cctttaattc aactcagttt tgtccccgaa aggggtccacc 360
 tgaaagcaag cacccaatct gtcacttgaa cagtgtttat atctgttgct gggataccga 420
 aggctctttt gagcagttgg ctaanagggg caccatgcct ctgaccttgg tcacctgcac 480
 acacagcgaa taatggccaa aatgttagga aagcacctcc aaacatttcg agtgtaacac 540
 aaggcatccc caaattgcag catccggtat ttgttggtta aataaatttc aacctgcata 600
 cagaagtgca cattacacat aataggacta ggctttgaaa agg 643

<210> 35
 <211> 643
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

<400> 35
 agcctgttcc tccaccctta cttctgtant nnetgccttc ttcangacag ccctgtttct 60
 tctaccagtg cccaaacaaa agctactcaa gtccatgatgc tgacaagggc cctgaggagg 120
 aggagaacaa ggtccttgcc aggaagcana aaatgcggnc tgtgttctct caggcccagc 180
 tgtgtgcaact caaggacagg tttcagaagc agaagtacct canctccan cagatgcang 240
 anctntnctc cattctgaac ctgagctata agcaggttaa gacctgggtt caaaacacaaa 300
 ggatgaagtgc caagcgggtgg cagaaaaacc agnggttgaa gactagcnat ggtctgattc 360
 anaagggctc agcaccagng gagnetccca gcatccattg cagctatccc cagggtctatc 420
 tgggtgaacnc atctggaagc ctttccatgt ggggcagccn gacttgnacc aacccanctt 480
 ggagcagcca gacntggacc aacccanctt ggaacaacca gacctggacc aacccaactt 540
 ggagcagcca ngcctggacc gcttantcct gggncgggca gccttggaat gctgctccgc 600
 tccataactt ngggggagga cnttctgcgg ccttacgtaa cag 643

<210> 36
 <211> 638
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(638)
 <223> n = A,T,C or G

<400> 36
 agtgtgtgtg caggccggna ngggnagttc cctgcagaa aaattgacag gaactcctgt 60
 ctccctagctg cctagatatt gtcacccttg gcatgctgga agttggaatc ccaggactga 120
 ccataccccc tgaccttttg tgccatagct tggttagacct agttgtgctg actgaaaagc 180
 ctgagggcag ccagcatggc aagaggagca gaggttccca ggggctgcca ggggcttgct 240
 gctgattggc cctgccctcc attgtcctag gcagggtgcc aggaagctgg aactttgtta 300
 tctgggtaat tagcttcaga ccctggactg aggcggccag gtcttagggc tacttcccac 360
 aggctgtgca ccctgacccc aagagggagg cgaggcgctg tgtacagaag ccctgccagc 420
 tgaacacttg aggtgtctgt cctacctggg gaacgactgc aggcattccc atttacacac 480
 cttcctcccc accccatgcc aactgacct gcttggtgg gctctgcccc ttagggcagc 540
 tgggcctggg tacagtgtgg gacctcccat ctacgcttg ccagggacag agggcaccaa 600
 gtcttanaaa ggtgatgccc ccaagggtgc ccgtccag 638

<210> 37
 <211> 636
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(636)
 <223> n = A,T,C or G

<400> 37
 agtggtacac ctgtacnagg cntatgcttc atttttttgc tagacggtaa acccttgnnc 60
 aatgaagcac accggcngta atatatcaga accttgctgt gccaaagccc cgtggtaact 120
 cacaaggggg aagaaaagga acaaaaggca tctatcctta tttaatgatg ttttggttgt 180
 gtctaataac ctgtgagtat gtgcaacatg catcccttag tatgacgggc tacacttgaa 240
 ttaggctttt tttgggtacaa aacataaaat atgttctttt acttcttctt tttcttttaa 300
 agattagact tatttcatta cttcctgac acaacttctt tttcctttca tttgggtgat 360
 gtttgggtgga cactcctcta cacatttctc aattttctca aaaatttctc aagttttaga 420
 cacattttta aaaaatgaat taagggtgcta tcttgctatt tgaatctgng gaaagaataa 480
 caacaaactt gaaaaggagg cagatgtgca agcacatgcc agtaattcaa gcattgttaa 540
 agctgactta tgaggactga aactttgaaa gctatgtgga ctatacagtg agatatgttc 600
 tcaaaataaa atatttataa tatgagaaaa aaaaaa 636

<210> 38
 <211> 630
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 38
 gtcgaccgtg tagagctggc agtagaggct gtgttgcagc caccgcaagn acagcctgac 60
 tgtgcccagc ctggacagca cctccaaca gctggccctc cacttgctag ggggaagtat 120
 gaactcagcg gtcggacatg ttccatcccc agggccagac accttgagga tgataaatga 180
 agtggaaact cctgcctctc ttgctggggc cgggcctgag ccagccccga agcagcccg 240
 ggctgagggg ctccctcacag ccctgcaacc cttcctgtca gaggcactgg tcagccaggt 300
 tggggcctgc taccagttca atgtcatctt gccagtggtg acccagagta tctacttctc 360

```

ggaccttact acaggacaag ggccgcgtgg gacatggaga gcctgatggc atccctgacg 420
tggttggtgga gatggctgaa gcanacttgc aggccttggt tgagcaaaaa aacttcggcc 480
cttagggggcc tanatgantt gggcggctgg aaggggaagg gtgacctggg ccggggcatg 540
aagctggagg ctgtacttca aggcctttga agtaagccgg ggttgggtgt tccttaaaac 600
acctaagccc tggaacctgg ggccaagttg 630

```

<210> 39
 <211> 628
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

```

<400> 39
acctgaggag cgttcctggt tggcnattgcg cctagnttct acgcntctgn ntgtcgangn 60
nanaancngc cgnaggtaca tacangcata ccactgtgac attgcatnga naacagctna 120
agatacnagag aagcaancct tangcaaggg atttacntgg ntttattgtc ganaacacaa 180
gtataactgc acataactcg gaagctgatt tanacnaaag ntttactnag catgaactgg 240
agccctcatc tccccgacta gnaagannag tcgcaaagga ngaccngaa naactaacct 300
taaaggcttg ccagangaca gcaggtccac atcctcccat ggaacagatg anatggaaag 360
tagctcctac cnagatcggn cttnnncan tancannntt antgataccc tgcctanttg 420
nnnntnntnt natgntnngg aggacnaana cggngcgaga gggaaatatg cntatatatta 480
tctgccaaaga aggcagccgc acattacaag tgcattgttg ttttcttctg gcactgttca 540
gctcacaaca acatcaagag cagaatttgg agatttcgat attaaaactg tacttcagga 600
gattaagcga ggaaaaagga tgaaatgt 628

```

<210> 40
 <211> 623
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

```

<400> 40
attagccgag gcatgggaca acacantcac naagcctgca gcatgcgctt atgcngtcgc 60
ncaccanact agnnntctcg actcatttna ncatgtnctc tnggactgtn gatatnttcg 120
anagnggacc ttgaagggac attctgctng tactttggct tgnataccca ctgcntagtt 180
ggaatcacac ttaacctgga nttagcacagg accgccgggt ttccctgtct agaacctgac 240
ccattctcct gcaccagca ctgttttcta gcttgagga tactgggctt caaccttctc 300
ccacccttnc agntttggat tnttgcannt ncacaggnc a gcacccttca cttttctgcc 360
cccctacttc agcactggan ctgcttagta cattcagnaa caggactctt ttctnagnct 420
gaactttctga agctcttaaa ctgcactaca gccttttaaa cttgncattc acttcttigna 480
aaccatataa ctataggnta tacagattct gtaatgaata tataaangat taatataagg 540
ctgggnngat atgnaattta atattagtaa ttaataattn gggaataaaa gagcttgcat 600
tgggactcaa accaaacct tac 623

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<210> 41
 <211> 619
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 41
 gacacagctt tgggctgcaa aattgagtca acanangcat aaccaacccc agtgtggggt 60
 catcacgctt ttcattcagc gttggaagga atgcaaatta tgtcatctgc aggggaaacg 120
 gnatggtaac taaagtatac actgttaaca acaaggcaaa acaagccaag caaacaacn 180
 gtacttccaa ggcagnatat ggtttctagc ctgcaatcct cagcacttgg gtaaccagta 240
 aggnaggctc agtaagttca agggacagct tcgcgcttta agntnagttt aaggccacac 300
 ttganangng taaggnagcn gnccttacc cgtccgcaac acacacacaa gcacacctaa 360
 actgacatat aggtttctct cctgggcaga ntacatatat aatgacagt anaagagggtg 420
 ntntatgang ggaggcagga cctaaagcgg ggcggggcaa gagatanttt cttnncatngg 480
 gaaaacaaat atggacgttg ntctctcaca tgtganacct agattnantt tctgtgngtg 540
 cacaggacac ggaagcanaa aggcaaaagt tcgtgtgnag gaagaggaca nattggagga 600
 gggagaagaa tgagagcat 619

<210> 42
 <211> 615
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 42
 ctgccgctat gtttcagcnn cgggaaactg taatgtagct tttggctcga aggnaggagg 60
 aatggcgagt cctccaggcc caccgtgcgc agctgcagggt aggcagctct acaggctgct 120
 caaaaccgcc tggaggagac acaggggaag ctgcaacgcc tacaggagga ctttgtttac 180
 aaccttcagg tgctggaaga gcgggaccgg gagctggagc gctatgatgt tgagttcacc 240
 caggcccgcc agcgggagga ggccaacaa gcagaggcca gtgagctcaa gatagagggtg 300
 gccaagctga aacaagacct caccaggag gagcaggcgag tgggggagct gcagcatcag 360
 catcagctaa tgctgcagga gcatcgcttg gagttggagc gcgtccacag tgacaagaac 420
 agcgaactgg cccaccagcg ggaacagaat gagcgcttg agtggaact ggagcgaaaa 480
 ctgaaggaac tcgatggtga acttgctctg cagagacagg ccntncnca gttnaatnaa 540
 nccattaggg tcgatggtg gacaccanga taagatccnc gaatcttaca gnctagagcc 600
 cactacttac tgatt 615

<210> 43
 <211> 608
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 43
 gactaattct ctaacantgt cccaaganac canntctccn cngatttgng gcaggccata 60
 ntctnntngc ttaaccctta nnnncnacgg gccnntnga atgatacgnt tacacgagcn 120
 nagnttggtg atgatatnca tacacttnca angacttgct ctttgntcaa nnntagnngcn 180
 ngnanccttt acgaagatgg aatgccnggg atnaaccact gactnccctg aaattcctgc 240

tgcctgcaga gatgacgact gctgtcctcc tagctggcca ctctgaaccg tacttgcttg 300
 tgcagacatg gatcctgtac cactagtgtt catactgcc aagggnggaa acgaaggcag 360
 tttatttgat gatactccac tactcagact ggaagatgat gaagatgaag ttgtgggtcaa 420
 agttgaatta gctgtggcaa ctgaagagat atgggggnaca cctgaagtca ttgtcatagt 480
 gctactttgc cgcaaatgcn aaggggggnag atggagcatt agngttttnc agtatttttg 540
 nattttgagg tgnnagnaac cnaaanactg atttggnngg gggcaacnaa attttggcct 600
 gggagagc 608

<210> 44
 <211> 606
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 44
 agaaagagtt gccgttcgtt tcctggagat gctcaggcat ctccgtgtaa gcattcttcta 60
 gctgtttttg atggactctg caaacccaaa cacagtactt tggcctcgcc atggcttgggt 120
 ggtcctcttc acgtgactgg agccagcctc cctgccttta ggcgctccag ccttccccct 180
 gaggaggagg agcttcacag gcccccttctt ggggctcggg ttgggggttct tcttctccag 240
 tgctctctgc tgcctgagcc acctccttct ccatgtggct ctcaccattg atgctgcca 300
 ttgtacctgt cactctctc cgaagtgcct tgagcagcca ctccctccct ccttccatct 360
 gccccacct ctttgcctt actctcctt tcccacccat aggctgggccc cattcttgct 420
 ctttctctgc cctggcaact gttcactttt cttatcatcg tccctgcggg ttgctgcctc 480
 tgtctcagtc acccaagccc ttctgttagc ttcccacctc cacattcctg cttccagctc 540
 ctccctctc aagnaaactc tgccctccat agctcctggc tccgggggtct tgctcaccgc 600
 ctttca 606

<210> 45
 <211> 604
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 45
 tgtttggtag ctgacaactc tgtaactgta gcttggagna atgcctgnaa gnaagnataa 60
 taaaatcgac catttcataa tggaatacag gaaaacgaac tttgatggac tcccacgtgt 120
 taaggatgag cgatgttggg aggtgattga taatatcaag ggactgaat atacattatc 180
 aggcttaaaa tttgattcaa agtatatgaa tttccgagt agagcatgca acaaagctgt 240
 ggctggagac tactctgacc cagtgaccct agagaccaga gcacttaact tcagtctaga 300
 taactcatca tccattttga atttgaaagt tgaagattcc tgtgtagaat gggacccccc 360
 tggaggaaaa ggccaagaaa gtaaaatcaa aggggaaggag aacaagggca gaagtgggtac 420
 tccatcccca aaacggacgt ctgtaggctc caggccacca gcagtaagag gcagcagaga 480
 ccgttttact ggggagtcac acacagtgtc aggagacact gctattgaaa atggacaaca 540
 ttattgggaa gtaaaggccc anaangattg taaatcctat agtgnggggtg tagcatataa 600
 aact 604

<210> 46
 <211> 601

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(601)
<223> n = A,T,C or G

<400> 46
agggagagggc gagggcctgg ttggaagaga caaagcctca tattctatga ttctatgtga 60
cagacaaggc ctctcacca gcaacctgca gcccccaagg agcgatgggtg acgatttcag 120
ccttcagagc agcttgaatc aaaacaaacg accaattggc aggaatctgc taccagaat 180
gcatcactgg gttctcagca gggagccaag gtctcccggc caattccctc cttcctcaag 240
caagcattcc ctcaaggaca ctccctctct ctgcctgaac tagcaccctc actgtcttgc 300
tgtcttcttt ttattctcca taacctgga ctcaacaaag ctccactgca gaccctacct 360
ttagcccccac acctcctana ncnntntaan gacaggctnc tcgggtcaag cncagcctgg 420
agnctgattg gataagccag nctgnaggct gantgnanaa gccagcctgg agtctgantg 480
gataacacct gaacggctcc ctccagactc tgnnggctnc ccgnttgntt gtgactcaat 540
taaataaaca aactgnttnc cctgcccaga nganacttgn tagatcccag ctgcagggtcc 600
t 601

<210> 47
<211> 599
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(599)
<223> n = A,T,C or G

<400> 47
cctgtctgtg caccgtgggt tggagttatc tattaggagt ctggtgggct cattacaggg 60
tacaaaactg gtaggcaatg tgccccctccc accaagtaaa tggncaatct tctattanng 120
aagcatggag tctctcccca ctttgaactg tcttactatt ttgcagggac accatcatgc 180
ttagagggcc attttctctt attcttgcta atggngaagt acttaaaaac aaaaccaacc 240
agtcaaacag acccttaagg cattaaagaa gaatggcttg agatgacacc ctttgaactc 300
tggaagatg agtgagacca tcttgagact gggctataag ggactgttac tgccacagcc 360
tggttgagaag atcacagagc tctgaggaan aacgaatctg gcagtaaaat aaagatgaag 420
gtttgcaana gcctcaaaga tntcttagat ccacacctat nnctcataac ttgtttctgn 480
ggaaggagag cnttggacna gaganaaaaa ggntccctca taccntncn ggnntttttc 540
ccttanctgt ggnannnnat aggggggnta taantttctn acaagcagaa aacacctaa 599

<210> 48
<211> 598
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(598)
<223> n = A,T,C or G

<400> 48
actagggtac tctggggcct nagnaccctg catgnacagg aaggtctncc tgtngcccat 60
gnacnatcag gntgtactgt ngccacgcta tcttgntcc ctatntgact gtnacgancn 120

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ngcctgnctt nttccaaggt tnaagaggcc acagggctng gnccacenta atntgtanca 180
caagtgactn cnagggatgg cgggctgctc tcaactngna tccgggcttn ggattnacan 240
agtgaacngc ccttntgccc aatntgcca nagggancaa atggngagaa cttgntgtcc 300
ccatngggct gcacggncac actgggagct ggcgacaaga gctgcctgga gaaaaggctg 360
ncttctcca acaccancta ctgtnagctg tgtcncactg antttgcagn ggaaaagnn 420
ccccgacct ntencagaan ggctaaagga cccagggccg cccactgaga agcgaacnct 480
gngctgtgac atgggatgct gngngntcat cacaccactg gctgccatct caggntggct 540
ttncctgcga ggggcccagg accacctncg tctgcatagc cgggctggaa gctgtagg 598

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<210> 49
<211> 595
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(595)
<223> n = A,T,C or G

```

```

<400> 49
gtgcctgcgc cttggatctn ttggcgntag cncgtatnac atantngggg aaaacttnag 60
ctgtgncttg gttngctgng agcntngntt caenttnacn ncctgaganc gacnnnntn 120
aggggctnta ccnnntgact ggncctctgag cggangggctg ctccatnagc gccctnaaca 180
aaccngncna angaagcnng atngnctcgg agcgtntttg atgataaaaa tcctacangc 240
aaggaanaaaa aagttatcaa cctnaaccn naaggcnaag tatgacatgc tgggaactga 300
ggaagtgaag aaagatgtgg aagcaaggac agaggctccag tctttaaag gagatgctga 360
gattaagcct ctgaggctgt catcanagag ggactnccct ggagctncac aggctgggac 420
gatgaagttt ctacaaacag ccganaacat tctgcctctg gaaacaactc aggagctacc 480
accaaaagaa gcaatgggaa aggggtgcaca gcccagatt ctagaaccaa ttcccaaaga 540
gaacagctct ccanaaatag aagggatnca atctgcanaa agcagcggac aggca 595

```

```

<210> 50
<211> 591
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(591)
<223> n = A,T,C or G

```

```

<400> 50
cagtgcctgc atagccttgt ggaaggggct catggagcag agctggncat gggcttccat 60
gagtgttntt ggttgctagg cgtaaggann tctaancact cntcgtaagt cctngaantn 120
atgccaaact ntactantgc cctnacaatc tccnntgaga ctacaagcgc gnagccatgn 180
nccgggcncn tgatgccata tngagccan cagtggngaa ncacacttat ccagagacac 240
tacagnngta tacncttacc actgaaggat tagacagnng atgcagagac atgccttcng 300
ngntcctagg gccacattc tatgcctaata acccaantcc tcagtaagat ttcttgagtg 360
aatgagtga tgaagnagat taangacagc aacnactaa tgncttttga ttgacatntc 420
aatatacatc ctgaaaagat actctctcct acacttgtag gtaattccnc aacacagaat 480
tatatattta tcaattgata gaaaaattca taagaaatta gangcacagg ggaaccccct 540
tncaacaatg accttcatga tctgaagntt cctaagaaag ataaaagctt c 591

```

```

<210> 51
<211> 589
<212> DNA

```

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 51

```
gctgaggag gcagcgcatg aatgcagtaa gnagctcgat gttacaggga tgaggccatg 60
cgtagtactt gcttcctgag gaggaggact gctaggacag aacctggctg tcagcccagt 120
ctctgcaagt gttttctgca ctgactgttt ctttgcaactt cagcagccat ccgcttactg 180
ntacgttgaa atataatata gtctgaagct tnttaggcac cacacaagaa acacttggtg 240
tttctgatgc tttaatgcag aaacaagcag cttagctgca aaatatccaa aaccaggaga 300
attagccctg agaattagca atgttcggat gtgctgcagt gactcactat gtgctgctgt 360
gacacactat gtgctggatg ccaaagcagg tttgctgtct gagcccataa gggttccatc 420
tgtctctgtt aggtctggccc aacagcttct atgggcagggt gagttaggaa ggactaatca 480
cagagattcc tgactgactc tgaaatccat gtgttggtgt gaccacanng agaagaagga 540
taaggtagaa ttactgtgta ctcattaatg aactttaaag aaaataaaa 589
```

<210> 52

<211> 574

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(574)

<223> n = A,T,C or G

<400> 52

```
gggctttgac tgactggagg gtggcccaaa ccaacnncac gncacctaga cctgcgggan 60
gtaaanggtc ttaccatgag ggacaccttt tccgtctcta atgtgtgtat gcagggaact 120
gctnngacag cntggcgeng tggccacagg ataggcntcc ggggctncct tccagggant 180
ttgggatccc tnacaggncn catggangag cacaggggct tctcgtgaag gtcttggant 240
naagactgtt tgggatgagn ggcactggtc cccctgnatg gcagaaggtc anngcagaac 300
aatggggggc cnaagcctct ttatntgcat gctttgccat gagtagggcc tctgctatcc 360
tgacctatac ccccaggnaa cagggtacac cgncnnatng acgggggntc acnctantn 420
nggcttatgg cagatnntac cngggctncc aaagcctnan ngegggtgggn ctgcttatct 480
tgtggangtc tcnctntgcc gtgnnnntct gttctngtca gncacanc tncctnagca 540
nggtagngtg gtggtttgag atgcttgagg agct 574
```

<210> 53

<211> 572

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 53

```
ctgctaagca cacgcgaaag gacacgtgat gaaggattct ttgctaacga cacacatgca 60
ttgtgtccac cttgcattgc gtagttgagc tgcatttggt gagactccat agagagaaaac 120
cgagccaaaa aacttctggt ggtgtgctgc agtttcttgc cacttcctcg gacttgggct 180
gattggcaaa gtgatgtcag ctgagacagg tgcacatgtt gaggcaagac ccatggaaga 240
```

ctcctgatgc ttggagggaa taaatagaac ttaatggaca tgggtaaagg ctgagcttgg 300
 cttgtcttata gagctagctg tgcaacgcgt gtgggtcttg cgtcttctct gatcttggat 360
 accttgagag aggcacagct gaggacttct ccttggttct tttgnccctg gtccctcctg 420
 ctgattccag cagaggctga ggcctggctg tctctactaa gtagtgccac catggctgat 480
 ttgtgtttgc tctcctgact ctaccgaact ggaactgtat ctatcaagtg tttgcgaatg 540
 gatccaagct gctgctgcta acctatgaac tg 572

<210> 54
 <211> 310
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

<400> 54
 gcacgctgta tgtctcagat cacaagatgt tgcggaangn cctagtgcac ttgcttactc 60
 tggttagnna naacatgtca aacttgacac agngctanta gtcaactgga gagttgccta 120
 ggtaagantg gncctgtggt tgnngctgta nnggactgnc ttnagtgtgt ngattcatgc 180
 anaaggacct atnncantgg anggccagn catccctaca tngngtncta aactngntag 240
 naaagctagc ggggtataagc tgggctgnga gacagncagc agcatcttcc atggagtctt 300
 gctctatatt 310

<210> 55
 <211> 568
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(568)
 <223> n = A,T,C or G

<400> 55
 agctctgcc aactgttccc tgcacaacan nagccagtaa ggcacccttc ccatagcctg 60
 gggcttggca ccagctgctc agtctgcctc ctccctccagc aaagccttcc tagggggctc 120
 actcacaang ggcgtccact tctntttcct gggaggatgt cccancctgt cccattctga 180
 ggaactgttg catgcatagc tgtctgacgg tgtcttcaca aactcacaaa tacctcctcc 240
 ccactacaaa aaacctgttg gctagccgag gacacccctc ttaatccctc cattggggagg 300
 cagaggcaag tggatctctg tgagcctgat ctacagggca agtcccagg tagccaagac 360
 atggagaaat tctgncatgt actcgccctc tgccgcaaca gnnagtgtgg cctaagcccc 420
 tgccaacctc cccacccccc cccanggagg ggnnggaacc tgccctacat ccnccaattt 480
 gaccaaatac tgcccggntt tgggctncca nccttncccc tttttgcatc ctttaanaaa 540
 ngccccctgag ctagggcacc ctggatcc 568

<210> 56
 <211> 567
 <212> DNA
 <213> Mus musculus

<400> 56
 tgctcttcat ttacctattg atgcctccca aaaagagacg cagacagtcc cagaaagccc 60
 agctgctgtt ccaccaacag ccactggagg gccccaaaca ccactatgaa tcttgccagc 120
 agccattac ccactgtt caggtgcccc gcaagcccat tgatcagagc accgtcactt 180


```
cctgggtgtc accccagttt gatagagcag cggaagccg gtttctgata cactggaagc 240
ctcaccgaga ccaggcaagg cgcccaactc ggagatctac ctgcaagttt ccacgtctaa 300
cctttgagag tccacagtct tccagttcag agacgttggt gctatccaac cgagtgcagc 360
cccagaactc agaaaaggac ccaccagaa ggcctttagt gccattgttc agtccccaga 420
gctgtggaga actgtcagtg catgtacctc acagtttacc tcatgtgttc gcacccctg 480
acatccagac ccagactct tctgtaagag acgatcccat ttccccagac cagaaggaaa 540
acagttttcc aagctgcac cttgatg 567
```

<210> 57
 <211> 562
 <212> DNA
 <213> Mus musculus

```
<400> 57
agccagcaca cagcaagggc tacaagtagt atttgttagt ggaactactt tgtgtgccta 60
aagataagct gagaagttaa gagtcagagc acgagggaaa cctacattta gtaaaatgat 120
ctagccactt tgggaaatcc acagctgccc aaaaagctaa acacagagtt acgtatggat 180
cggtaatgtc actcagaggt gtcacccaag agaattggaag cgtgtctgtt ccacaagagc 240
agaaagggcc atgctagtgc aggccattat ggtggccaca agaggaaccc aaccaaacca 300
atgcctacct gctagcagag ccccggtggc caggtgccta ggaggtagag caggaggatc 360
aggagttcca ggccttcttc agatacatag tgagtctgaa ggacgcctga gtttggtccc 420
tggaactaat taatccctca tggaagaagg agagaaccaa ctcttgcaaa ctgatctcat 480
ttccatatgt gcatgcctgc cccccaata aattaatgtt ttaaaaggac aaatgtccag 540
caatttgatt taaaaaaaaa aa 562
```

<210> 58
 <211> 561
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(561)
 <223> n = A,T,C or G

```
<400> 58
gactccacct gcacanttng cctaccngta cntactgctt ncatgactgn ncatagcact 60
gntatccccg gaaaaccctg ancanantgt gntgctgtcg gntgnttctg tncatggag 120
ganaaaggta actatacaca ggcctaggta anttccctag tctgtctggc atactgtgct 180
atcatagcac agggcactga tnancaggtg gtccctgtgt ggggtggngcc tgatnctcct 240
gnntgctggn agactatntc ctcttnactt ggccaacagc agnagntggt tcaggaaagg 300
tctgaaggcc tgatgatcca cagganctgn ggaaggttac ataaatgngc tccgtccgnt 360
gtgtgcctta caacacacga ggcacataac ccaatagggn gtncttgnaa aagagcagag 420
nncatcaaaa gaagcagctc tncttctcaa gggactaana nctatggnnt actctgcagc 480
aagtacanan gaccncagtt gcanagagcg ccctccagan ntccccaga aacnaggntt 540
ccaacatggg aaacagtgtg c 561
```

<210> 59
 <211> 553
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

```
<400> 59
actgttgctt gctggnaaac ccgcctgttt ccctcccctg naccaattcg ctccactcac 60
acaaccacca gccatttgct ctgctttgcc agggccagga ggggtgaagag acaaaccaga 120
agcaccaaga gcagcaggag gacataggcc agccacctgc aggaagaagg accaagaaga 180
cagtgaacct caggaggcta tcagcacccc caagtcaccc caacccaatc tggtcctgtg 240
acctccctgc tgcccgggtga catggtacat ggtttcacaa gaccctggag cgctctgcag 300
catgggtgtg gaactgaagc acctggtaac taccctgacc acttcacata caagttctgt 360
gcttatgggc acagttgtca gcctctgaat cggattcccc aactgttang gtgtcagtca 420
cctgtgacct aattgaatat ttcanaggta tggngcata ngctctnaac tacttcagtt 480
agnccttgta acctgggttg cctaagnttt cctaccagta acatgaaggg cttataggat 540
caaccctcaa aat 553
```

```
<210> 60
<211> 553
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(553)
<223> n = A,T,C or G
```

```
<400> 60
gggtgacactg tccccgcnac tagtcnagnt tgaccacnqn cacgaacccn atccaccagc 60
tggtggccta nctctgtgtc catngccagc ganngcacac agannatttt angtcaccag 120
caggtgcact antgatgctt nacgccatgc aaagcgcata ntctgcttcc anntgagacn 180
nggttttagca nccaccctca actcaagaaa anctcattct cnntnaattt cggtaatnca 240
tagnataggn ccatgggtgga aaaagatnca agattactnc ttcccatagg aaatatccac 300
nagnnggtgt accaaccaca cttgcagggg caggccctat gctcaggcat aattggctaa 360
acacaanaat gatactcagc tgcatggttt tgctttgctn ctgagctacc ccctgcccc 420
agacaggggt ttctactgtg tagcccctgg ttgtccctgg aacacttctt ctgtagacca 480
ggncctgtcct cgaactcaca gagatctgtc tgcttctgct tcccttaagt gtgagattaa 540
agacacgcgt cac 553
```

```
<210> 61
<211> 551
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G
```

```
<400> 61
gtgcacgtcg taacttttcc tagantcctg tggntncacg ccgcaggcac tcccagcgg 60
nataactnta tnccgtgtna tgaatnacta gttctctgag tacatggatg anntacntnc 120
tcagcaactg gcaanccctn cactactgac tgtggcgcg acactacang gaacgacann 180
gctgaatgnc caacctgtcn ngatccaac naccnncac acttgnnggc ttttactagg 240
gcaangcncg ggggcaggan gggaaaaata agaaggngga aggcattatg ccattntaca 300
ggagcantng cccaggtatg gagggacnag tacagtagcn aaaccagang acccactacc 360
ttaacttgcn tggaatatgt atgtaataata agcctcatgg catagtcatg agaataagccc 420
tttagaatcc tcagncaccg aacctgctgt agngggtnnt ccctnctttg ggggtgcagcn 480
ccacctccag tcttctggaa gtgcttgggt tacttggcta aataaactgc ttaaactgtc 540
aaaaaaaaaa a 551
```

<210> 62
 <211> 550
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(550)
 <223> n = A,T,C or G

<400> 62
 gccatgaaag gaaccancag ctactgntca cgagccaagg tacggananc aaggggtgtg 60
 gattttactc tgtctcttct tggatggntc atctgcatga tgncttatga anttggtaat 120
 aaggaaangn ccacaaactg acttcaagag aaaagctgtc ctaggccaac tctntcact 180
 tcagggctgg agtcaccatg aaagnggcag ggcacatcag aagcaaggat tccagaacag 240
 tcaataatca ggcagcaggt agagtgtctc aagccaagtg cgtatgggtc cttcttcct 300
 tgcagtagtg gggtctgcac gcagagcttt gaacacacct ggcaggngcc tggcactgag 360
 ccaactgctt ttgccaccca ggacatggga atggctacat caagacggac tttgcaccca 420
 gataacagct agctttgatt ctactcggcc aattgtctgg agtgtagcac tgggcaaatt 480
 tactcaactt ccctgataat aagcttcctc ttatgtaaat tgggctatga aaatccctac 540
 tttattgaca 550

<210> 63
 <211> 549
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(549)
 <223> n = A,T,C or G

<400> 63
 gctgatagag acggggcanaa acctncgtct tgctttgnac cctgnacact cntntncang 60
 ggnccgggggc tacantaaag gaanacctga ntctnccgg actnnannc cttntatgac 120
 cctttttacc cttgcnngga agnttagntt gcacccccctc tncgtgtgtg acacaagtna 180
 aacaaatgna ctctgggtng gaaccnagtg ganacntncn aggactcaca atgcgnttga 240
 tacntcaacc acctgnagtc aaggngtag ggnnaggaca canaaacgcc tgcttctgtg 300
 ccactcncca gccctgatca tgagcacaag ggtggctgat tcaagactca gctttatgg 360
 ctggattcct cgccatcccc acctccacac aagcctcggg tgaatcagga ggtcatatgg 420
 catccttacc ttacgtaagg ngacaggtct ccctcttaaa tataattctc agttccattn 480
 tcagtctcca tctctcctgt tctccacacc ccacaacact ctaatgagct gcttcatgtc 540
 ctgaaatat 549

<210> 64
 <211> 546
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 64
 ccgttacggc ccgcacaccc acaggcgatg ttcacancac ngagtagcgc acacgtanaa 60

```

cgcggaacgcc gcgggtcatag atgtctccgc natccncacg ggacggacgg acggacggac 120
tncacaagag ccggatccca ngctagnntc caccgggtcac tggcgggcgcc atgacctaac 180
agtggntcnn tagngannca ntncetgaact gggcnctcag tggcattnag nctgctgagt 240
taccacntgg tncagtatgg gcggccggct tacagaagga gctacgatgg caccgtagcc 300
acgcttaaga tgtgagctac ttctgtggat atctgaaanc naagctgtgc catcggtana 360
acanatgttc tggatcntan ttaacngngg actgnggggtt catgtagngg tggatgcctg 420
tnnttctcga agccagggtg acccggnctgg tggcactggc ccggatgana cagagtggan 480
cttttctcgc caccaacgaa tcgntcattn tgcagnttng tgaggggatgc cttccacccc 540
cagttt 546

```

```

<210> 65
<211> 542
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(542)
<223> n = A,T,C or G

```

```

<400> 65
atggcgcggc cgatccgggtg aaaccggcag acagtgaaag ccgtggaggt agggaccgga 60
agctgttcgt gggatgctc aacaagcagc agtcagagga agacgtgctc aggtctctcc 120
agccctttgg cgtcatagac gagtgcacag tgcttcgagg accagatggc agcagcaaag 180
gctgtgcctt cgtgaagttt tcttccaca cagaggccca ggctgccatc catgccttgc 240
atggcagcca gactatgccg ggagcgctct ccagcctggg ggtcaagttt gccgacacgg 300
ataaagagcg gacattgcgg cgatgacgac agatgggttg ccagctgggc atcctgacgc 360
cgccctcac octgcccttc agcccttaca gtgcctacgc ccaggtcttc cgagtcaaag 420
ctggaccttg atcctgtgct gcaccaggcc ctgtatccca cactgacctc ggatctcagg 480
ntgagtcta anagnctgat cgatctctga tncagaatg aaccttaatc gaaaaaaaaa 540
aa 542

```

```

<210> 66
<211> 541
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

```

```

<400> 66
gcgagcccag ctcagnacat ggnaaatcag tatgcaagcc caggnagaac tgcagggatc 60
ntcagcagnt canttcacga gaaatcanca acggcagntn catccagcan gnacaccttg 120
aagctccacc natcagtgtg agttnacagg anatggcnng aagctgccgg gataacatca 180
nagcttctnt ggtgggtgtt ccctctgcgt ggtcaccaca caagatgccc agnacggaat 240
ggttgggnat actaggtgct ncatntnncc gatatcnaca aaacagcntt ctgttgtgtc 300
tcaactnagg tnaaacgtn cnctaantnt attatcttgg aaagatnttg cntngcatgn 360
tctatggctc cangccagac tcaacctatg gctgntnaca gtcttactac tngncttaa 420
cncatancan atacnncct ttctgggctn cncctctgt gaacttactt ccanacagac 480
gctnnncttt cttttagtag accttgncta acgaatgttt taggatgtct gtagcacaat 540
g 541

```

```

<210> 67
<211> 529

```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(529)
<223> n = A,T,C or G

<400> 67
gtggactgtg gaactttcac cttnagtaga tgggctttgt tgggnattcctt atcaaaggga 60
gctctcacag cagcngtgat gaaggtaaac ctttcagcac cctggatctc catagggtaa 120
aagcgaggta agtacaatat tgaagcatta ccaaaatatt aggaggaaat ttgaggtaat 180
gtattctcaa agaaaacgag ttacatcaa atacttgaaa gttataggaa atctgagact 240
caagtaaata atccaaattt acaaatttgc ttaatgtgaa ctgcattgaa tttgaccatt 300
cagaattggg gaatcccaac tctgtactgg aacgttgac aatatacctgc aacttttacac 360
tgtatgagac attttccaat tctctcatta tacagaaact tttcctttaa atatgaaatt 420
atttaataata ttcttaggac ttggaatata aaatacatgt ctgggggatat attgtgacnc 480
accttcataa aattccatta aaaatattca tctatgtcga ttccataaa 529

<210> 68
<211> 528
<212> DNA
<213> Mus musculus

<400> 68
gcaagtcctc tccgcctcag ttttacttat gtgtcaagtg gggtaacaca ctagttccca 60
ttccaaatga aggtcaccag aattttaaca cgtgtaagga gatggcccgg ctggctggat 120
gccaagctag tcctggctca gaaaaccctt tctgggtgtg ctaactagga ccaccaccac 180
agttacgaca ttctcataaga acccctggtt tgcatagaac tgtcagagga gtcctccagg 240
ttctcacagt taattccttt acgccttgaa cccacataac gctgaatgtc agagtcctcc 300
atgtgtgccc ccgtgaccac ttgctggccc acaggctggg gcacacaccg ccccggtgtg 360
tctccgcccg gccccaggac gacttttccc aaagctccgc ccggtgttca tgaacttccc 420
caccgcgccg ggctcctgcc tgcttgacac gcctgcgcca gtgtggtgag cccggtcctg 480
ccggtggcac cgaagatcgc gatcttcttg acagtcatac tgcggggc 528

<210> 69
<211> 522
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(522)
<223> n = A,T,C or G

<400> 69
atgaaacctg gcaactcaggc actcngtgt gcaccntacn cagggcccnc ctggncannn 60
gtangaccac tctgcctgta nccgccctct ttctaacctn gngcnccttct gtcattncnn 120
aactggcttc ntggaaaagt nacnctngnt agntcacaaa gaancactnt ttgctttact 180
ttgggnaatn cgtttctggg gctactataa acctcaagtt atagattgat cccccacccc 240
ggccccccagc ccctanccca aattcagttt gtttccgatg acaagacagg atgttttccc 300
agcttctctt gaagtcatga atctcatttt gaaaacttat tatcatcgtg tgtgtgtttg 360
tatgcctgtg gatgagcgca taccacggag tgtgtatgga ggccggaggc cagattccag 420
gagcgggttc tgcccccttc ccagttaagt tctaaagctc cagctcgagc ctacnnggcc 480
ctgaagccga gcctgaacag tatgtgttac aaataaaaaca gg 522

<210> 70
 <211> 517
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(517)
 <223> n = A,T,C or G

<400> 70
 ttctgtcctg aggcctnctac tnnctncttgc tgaantntct aggtagnacc ngangccnng 60
 ntgagacnna atacaagaat gggaaaggac cagccactgc tagcttctga ccttcgaagc 120
 aaattacagt ttccttgggc tcggaaacct tttccagcac ccttaccggc ttctttgcgg 180
 ctccctcgct ggaagcagca gccaaccaac cgancagcac aagtatgtac atgcagtgcc 240
 tgtgaagtct gaaggcggcg ttgaatcctc tggaactgga gttaacatgc aacgcggatt 300
 ctgggaacca ctgagcaagt gcccttaaca ctggactacc tatcctagan tgtgaactct 360
 ttcagcttca gcttccggag tagcggatca ccgccacatg cagcctggct tactgtttgt 420
 tatttattat tttanttatt tttgaaattc ttaggattca acccatgggt ctnatctatg 480
 ctagangagt gctntgacac taatctatat ccttagg 517

<210> 71
 <211> 515
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 71
 cccctatggt tttggtcggg cncctntaat gngcaccaag aaccntggtg cccaaactgc 60
 aattttnggt ncgctncacc cttanactct canccnaccn ngagtcataa aaatacttac 120
 tttgctctct cancaactct ttattgcana ccagacaacc tgataggatg cncnctncag 180
 actatnaccg gcagagcngt gcatgtagaa gcgnaagnna gntatgatta tttatcaaact 240
 nnttaaagtc atggnnngag gatngaannn cangnagaga tctgaacagt gtgctgcact 300
 ttgagagctg ctaccctgaa aagataactg gactctaatt cttcaattct tccaagaaat 360
 aaagaacaac agatctatca taattcattt tgtttacctc catcangnt ttattnttaa 420
 cnggtcttgn tttcatgttt ttatttttaa aaggncatat ataaagatng cttatcttta 480
 ttaagacctn tcctaataaa ctctttgatt gaaag 515

<210> 72
 <211> 511
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = A,T,C or G

<400> 72
 agtaaggaaa gtgaaagagg caacccaaac tgtaagtatg aaaggctttc caatggggng 60
 acagganaat tcttcagaag gnatgcagca agctgtatga cgggccatga caagtttttg 120
 gcactgggaa cacattatgg caaggtttat ttacttgatg tccnggggaa acatcactca 180

```

gaagtttgat gtangccctg ngaagatnan ccnnnttagc ttgnatgaca gcggagaaca 240
cntggcngnn tgntcanngg atgncnngnt gcangtcctt gggctgtatt ntgggganga 300
cnttccgaga cntttgantg tgccattaaa aanntngttg ngcaccnca gntcgtgaga 360
nccacctgnn nncnacttgt gactgncggg aaaaagctgc tgntgtnttg aacggacctg 420
gatgaacaga aggaagtctt ctgtgcnaca cgaaggggaa ggaaacanaa agagtgtgaa 480
gtggagaggn catctgattg cttgggccaa c 511

```

```

<210> 73
<211> 510
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(510)
<223> n = A,T,C or G

```

```

<400> 73
cactggaacc agtaatttnn tggctctcgtt cgctgggtgag aaaatggacn nactgttnc 60
accctgcatg ttcaccggac cttgaagacg gaaatttcna ngaanntaat tacaancctt 120
gntcttacac tggaaccctg ggaaaaaggg acctaccaac cangnaangg agtgtgtgtc 180
tggtaaaaat acaccacagg gggctgntaa ctttnaaggg acgtggccnn nntcttntca 240
ctggnggtaa tgggaatgng ctgaantttg ctcagaggtc attgnacatg gnatnggatg 300
ttggnanant tacaacaatg ctgttgtgtt gtggaaaatc attgcataca ccggcnaaga 360
atgggtgcgg ccttggtata caccacanc tnggtacatt gtagcatgat acacntgaga 420
tattcangag gaagaactnc tnaatgggac accgcttacn nttgtcatnc ntgaatgacc 480
tccngtgnac acnttacttg actaatcaca 510

```

```

<210> 74
<211> 507
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

```

```

<400> 74
tgaggaagtt gacttggatc ctctctncaa gtnagcagac tccgataagt gctcctgtca 60
atcaacagcc taactttccc acctactgcc catccctgag ggcgngctcn ccctangcnt 120
gggtgctcctg ctgcccnaen angggccctg tggnccttnt gnaaacncng nntgtataen 180
anntngncgc ctccanccg cgccttatca actcttctnn tatggcanta ctganctntt 240
ggaagtgaac agcagccgtn gncgcctgag ggaggatact tccagccaaa ggctcaggaa 300
gtgtgaagac acttgagtag tgagaacagc tgcttgatc tttcccaccg gctttccg 360
tggttctgtt tcttttgaaa cttccagttc atgggtctgtg gtttgtaagt cactgtcctg 420
gtaagagcta attttgtatt gcagacatgg ctctttgtgt tacacacttt aagaatagtt 480
taccacttgt tttgattaaa aaaaaaa 507

```

```

<210> 75
<211> 501
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature

```

<222> (1)...(501)

<223> n = A,T,C or G

<400> 75

```
ctgccttttg gcccgnaggg tcccagggng ctgggctgcg tgnaggcgct ggnatgttgg 60
nagcaaagcc tcatcatgna aattgggnaga ttatgaaaac atctgaagtc atggtagccg 120
cacacagnat ggtaatatca ggctgtctgc tctactgggt ttcatactcc gtagcagagt 180
atgaaaatgg agaacgcaca gcccagtcct tgagtttctg ccttacgaac acactgcgaa 240
cgagaaggcg atttgccgtt tataacactt acgatttctt atgaatgaac aaggctccag 300
gtgcctctga ggcattgtat gatgcttctt tctgtaagga cttggaacac aaaacaggac 360
agacctttgc gtccatttct cagctattcg taatcctgtg attatgttct cggttcaag 420
atgaagccca ggcatttgtt gaagtccagt gttacttctt caagtgattg atcaaagagc 480
cctccccac tgatttctt a 501
```

<210> 76

<211> 497

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(497)

<223> n = A,T,C or G

<400> 76

```
tgaggaagat gagattgaac ccttgctggn gatnngtagc ttgacaccna ctccgctttg 60
gtggggaaag caagcattaa aggaatctca gnntantntn tgccnattgc acgnatgcct 120
cggtgnccgc tggcnaangc tcacctgttn atnaaccgnt ccaacccgtn ggctgacant 180
gncagataca ttcangatta gccgnctctt ataccggggg aagaacgggg gacttgagga 240
cttcttcgga gacctgggca atgcgctccc cgactgtaac ccctctggga gtaaaagatg 300
gaaatacgag ctgttgacag ccgcaaacga ggtgatcgct gaggagatca aggatctgat 360
gaccaagagt gacatcaagg gccaggatac ggagacacta ctggnaggat ccctggccaa 420
agctctgngc tacattcaca gagngaacaa ggcagntaan gataatcagg agatgaaanc 480
aaggattttg gggatca 497
```

<210> 77

<211> 494

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(494)

<223> n = A,T,C or G

<400> 77

```
caacctccta cgggtcaacta gaaanacant agtcncctct gcattgcacg gggaanagca 60
nagacaatgt gcatggggac accanccttg tgctaggctc ccttcgcctc cttcaacact 120
gcaactcanga gaggtcttgn agacttcttg gtgtatggca nccacactca ctnggnctcc 180
tccttcgggg atgaacctgn caccaccccc agaatgctct ctgtgccact cctgtggatc 240
acatactctg agatcccaag acttcattcc agccctgact gncgcttctc cgtggnnctg 300
ngaangaggc cctaaantnc taaggcccn nggnnctgan gngttaaacg gnacaataat 360
ctcaccaacn tgggacacta ctccacagga ctggaggtgg cacagactga gctcctcaga 420
gcgcggctga nagatgggcc cagngaacga aatggaggga ctctgggaga agtgnaccct 480
acaataacaa aaag 494
```


<210> 78
 <211> 493
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 78
 gctttttgggg gagggntggc aatgacctgg nctggacatt gtcgccgagg tagatcactg 60
 ttacccgaag ggggtcttttc atgggtggag gctgggtcca ccggtgtctt caccctaacc 120
 gcaagaagcc acttntgcac cccaccggac tccccccggg tcgnagccgg gcttgctctc 180
 cctgaccaga aaccacctn tcagtccccg ccaccacca ccgcgcctgt ggttgggcaa 240
 gctgcaacac tctcggccgc ggttggttgt cttcaagaga cggttccgcg ggaaactgaa 300
 aagaaacccg gaacaaggag gcgggggagac aggaggccag ccacatgcca aggacgaact 360
 gctgggtctg cagggcctcc gcgggggtca gagtgttgag gctagttagt gaggagtggg 420
 tcttggcacc agtctctggc ggcgctctgc cttagaacca acggcagncc aggtttcccc 480
 cgctccgtgg ctg 493

<210> 79
 <211> 493
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 79
 cccctggaaa cttctctgca ccaccnatgt gcacctccgc ggngcgggccc accaactaag 60
 gactggcaag cttggagggtg aggggcctct gcgcctggat cccccaaggc tccgccccgt 120
 gacgtcaggc cccgccccan cgcccgttcc caaganggct gcagcgatac ctgcccnnnt 180
 gtccgggttg cggtgacgac ggggagcaga ccagggtgact ggttatcctt gctcatttct 240
 gggtcccgct ggtccagat tggctgttg aatgcttttt tctggccccct gtgacagntc 300
 caatttgaga taatgcctaa tatctttgct ccccggggac ctcctggagc ccccacgac 360
 cggaaaaagg cagcgtgaac acagaaatcc ctncactcct tacctanctc tcangtcang 420
 aagcttgccg aggcgtgctg aaanaccctg ancaaatgnc cctgcttgng ggcncccaaa 480
 tggcagcgaa gag 493

<210> 80
 <211> 485
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(485)
 <223> n = A,T,C or G

<400> 80
 caagaactta gagctaacnn acccccangc ctcagtnacg agtngtgtcn tctaggactt 60
 gggacactac cactagngtg tcgatgatgt cggcacaaag agcagttggt atnccgtgac 120
 cacataatnn gggacttgng taggaatata tggcgcnct acttgccct ngnaaaganc 180

```

agccntcgna gatntnnant gaagacactt ggcgaaggat ggcgcagagn actcannctc 240
naagncctgc gtgtagcaaa gcaagactat aggaacncan gcgctnatgc tagnncagng 300
gaaggagggn cttctangnc nggnggggta nggcntcgca ccaactanac accccttctg 360
gacccttatt gcagcctgcc tgcagggtcg ggcagtgggc cccagggttg cccagttttt 420
gtgaggctgt acaacncatg gggggctgtg gggagggtcg ttggtgangg atcctgtctt 480
tgagg

```

```

<210> 81
<211> 484
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

```

```

<400> 81
ctggtggccc cggctttana tggntcccac aatgtttgca gnanatgttc aggcacaggg 60
gnagctcatc acacacaatg aatggagaca atgcgagcag tgcagcagac agagctgggg 120
gccctgccgc cagcctgtc cccatcccca tcgggtggca acgctgtgtg cgagaaggtg 180
ctgtgtacta tatcagccca agtggcacag agctgtcttc cttggagcaa acccgtagct 240
acctcctcag cgatgggacc tgcaagtgcg gtctggagtg tccacttaat gtaccaagg 300
ttttcaactt tgaccctctg gccccggtga ccccggtggg ggctgggggtg gggcctgcat 360
cagaggagga catgaccaag ctgtgcaacc acaggcggaa agctgttgcc atggcaactc 420
tgtaccgcag catggagacc acctgtctac actcttctcc tgggtgagttt tccaaaaaaa 480
aaaa

```

```

<210> 82
<211> 481
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(481)
<223> n = A,T,C or G

```

```

<400> 82
tagcttactg aactgtaang ncatantnaa nacncatcac tagactaact ccctgnacct 60
cttattnaag acncacctag aanggaacgc tacntacact angntgggac tttcacatgc 120
cagcacaggc nnctacntca cacngnnacc cttccatctc tttctgatnn ttggaaggaa 180
ctaantatgc aagagcanct cttnngggga aatgggaacc attctgggga tggnttggt 240
gaaatgtgac ttcacttttn tgnnttaca ctagcactgg ctgggcacaa tggtnncgga 300
agtnccagnt actcctgaag ctccccctnc cccacccac caggctgtgt gctctgacct 360
ttcctgatca ggcccttcat ctttgatctc ttgggcagtt ccctcatgtg tttgtcatta 420
aatttatggc tggatttttt tgttgctgtt ctgatctaag gcagaatatt ttttttttaa 480
g

```

```

<210> 83
<211> 476
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature

```

<222> (1)...(476)
 <223> n = A,T,C or G

<400> 83
 aaccaggata cccctgngga tgagaggaca ggncnngng atgtgcatga cncccccnc 60
 tgnncaggct ccncagagga caccnntngt accagtggcn cctaangcat gttctgncng 120
 angaacctgg cancgactc tctgctgccc aactggttg gagcaggcag cccccganga 180
 tgtggaccgg ngcaatgaag cctcaggng ggagcaccgg gccccaccc tgctnanctt 240
 gtacccggca cctgatgagg atgaagctgt agaacgctgc nncgcacctg agccaccccg 300
 agagcacttt ggacagaaga tactggtgaa gtgcctgtca ctacagntnga gatngaaatt 360
 gaacccatnt ttngggacct tggncctgta tgatgtgcgg gagaagaaga anatttnaga 420
 aaanttttta ctttgnccca aaattcggan tccccntaag gggctgcttc cggccc 476

<210> 84
 <211> 475
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

<400> 84
 cctgttaaaa cagggaccna ntcacttcac aggactggta acctccaaaa cagcctcagt 60
 gtatggagga agctgtaagt aacatggtag tcgatgtaag taaaacttac ngtantgaga 120
 atcctcanac ctgactatta ccttnaggag ggangaacca ggacattaaa ancaatcaga 180
 atcagnaccn anncccanca ntgaaantct gaaccctaca gctcgggtgtc tggnatcngg 240
 natccacaca cantcttctg gnanccactt ctggcctttgc cgnctgcagc tcacaccaag 300
 acgggggtttc acagaactgn caagntggnt ccanatgccca tttgttcaag gatgccctaa 360
 ngcctgcaga cagactgccc nggactctcc ccatgccttg ttgttggcct ggggtacttg 420
 tcccaagtca ctgtgtggat tctttntttg tactgatgat cactgggtcc tgcca 475

<210> 85
 <211> 474
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 85
 tgaggaggag ggatccgtaa agnatgtttc tgcgggggacg ccctgtgccc atgctgatcc 60
 cgggtacgaac tggcgccac ctatagcctg gacactcgtt ctgagctgnc ctccanccgg 120
 ctaaagctag actgggncta tggctatcga ggccggntac tgcagggccca acctttacct 180
 cctgcccact ggggaggcgg ggtactttgt ggnetctgtg gccgtactgt acagngtgga 240
 ggagcanaga naacgacact acctggggcn cancgatgac atcanangaa cangagtnaa 300
 ngaggntntg gtnctntca gaagngact tngtggagnc nnnacngagg naggtntctc 360
 ttggggangn gaggacacag aggancaaaa gaattgccta caggcnagnaa tcttgnnnan 420
 ancngnnngg attgnataga aatngcttat atacaaaggc gaatttttta aaga 474

<210> 86
 <211> 469
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 86

```
ctaatacact gtggagggtgg ggagtcacaga accctcccan acaacagcac ctctggagct 60
cctgggtcact aggaattgta attcacgagg aacttcatca atcgcatgtc tgacgacatc 120
gccatcctga agctcaagta tcctgtcact tggccccccc tcgtccagcc aatctgtctc 180
ccctcattca atttaaagcc aagcattgga accatgtgct gggtcgtcgg gtggggactt 240
gaaaaggccg aagggcacc ccaagactccc tatagtgtcc aaggtttggc tgtcaggatt 300
gtgaacaatg aaatctgcaa tcatcggtac cagttcctcc tgctgaagaa ccagaaaaag 360
ttcattggga acgacatgtt gtgtacaagc tcagaatggg gcctggacac ttgncaggac 420
acctccggaa gctctctggt tggccagatg aacaagacct gggtcacaga 469
```

<210> 87

<211> 467

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(467)

<223> n = A,T,C or G

<400> 87

```
ccacccctgg cctacaacac tgacggancc acnacctcgc tgcacntttc tactgcaccg 60
gagattatnc ggcgggcant caggnacccn tgtccccttc cttgataact ggcgncnna 120
cnntannntc nganccttgn gcataancna ncntgnaaac ttgnntncag ctatttntng 180
acannncggc ttgaanggtg antgaacaat gncnnnactg ggtaaacann nngggagggg 240
gctcttgaga ttgaggtana ccttgacttc ctaggatgaa aggtttgagg ggaggggctc 300
agccctgtcc ctattccgga gacggagtca ggagtcaaag gatattgaaa caaattgcc 360
atccctaaaa ttgcaagcgg aggaaccag agccccgagt tcacacctcc caacggtaga 420
tgggatgtat caaacacact tccaactcct tgctttccaa aaaaaaa 467
```

<210> 88

<211> 467

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(467)

<223> n = A,T,C or G

<400> 88

```
gaagctggta cgttctctat ggcctgaaca actgtggaac cagnaatgca gcgaaacctc 60
aggnatcctg gctggccctt gaccttatcc tgaataggaa acgctcgcca tcggtgggcg 120
ttccctaggt gcaggacaga cggaacgtga aagttgcaaa taatccttac ttcttccctc 180
tgaccagaga ggatgggaaa gggccgaagc taaggaccgc tctcgggtccc gcaccgcacg 240
gttaaacacct ggtaccgctc gcgcggattc tttaaacgac tcctagcgag ccagagactc 300
tcagcagcaa gggcgggggt gggctgaggt tcagtcacgt gaccgtgcct gagtgggcta 360
gcgggcccca cccaccagg gggcgtcccc cacaacgcgt ggtcgaccct cattggccca 420
tagtgcgacc aatagaaatc agccatctgg gatcccagcg ttccgaa 467
```

<210> 89
 <211> 467
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

<400> 89
 cggtttttgg ctgccgttgg agtcgctgtg ccaccgggna ggggcncacc gngcccagct 60
 ttgtccggct ttgtgtnggg gccgtggtta aaaaaggctct agacgtggat ggtatttacc 120
 ggggtgagtgg gaacctggcc gtggaccata aactccggtt nctggtagga cagagaacgg 180
 ncagtgcact ntgatgggag atacatgttc ccagaacagg caggacaaga nggcaaatta 240
 ccattcagac agtgcccga tgggatgata ttcacntggt caccggagct ttnaagcttt 300
 ttttccggga gctgccacag cctctggtgc ctgcattgtt gntgcctgat tctccngatg 360
 cccttgaact ttctgagcca gagcagtgcc tntccaaaat ncagaaattn atanactcgc 420
 tgccngggcc canccatgac actntnaagt acatcctgga gcatctg 467

<210> 90
 <211> 466
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 90
 ctacacgggtg ccgcttcgng tctcttgata agcctgcgga ctnttntttn aacantgagt 60
 tctngtgnct ngngggcaan aaggacaggt ngaccctta ttaaaagtag gatgcaaaan 120
 ggntaantcn agccaagnga gccntnctgn gctagacca gcanctatag nnatgtgagg 180
 nggacgacca agagctatct gaatcctgnc tgnccatnnc tgctggacca gntnngagca 240
 gcaanannna ggncccaagg nctattgggc aacatggctg ctatnatgac tgctctaggg 300
 ctgcccaccc ctccagaaga ggatactctg gggnttgtcc cttttggggc ctcanccttt 360
 ganaggaagt gcataggcta catagtgacc cnanaatatg gacactgnac agaccggact 420
 gngaggggact tggctctcct canggctaen tactcagcat agaagg 466

<210> 91
 <211> 461
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 91
 accaggacag tgcctctcca aanccaaaat tatagtactc gctgccgagc ccaaccatgn 60
 acactctgaa gtacatcctg gagcatctgt gcaggngtgn tagcncactn ggantaagaa 120
 accgantgac cgcccacaa actgggaatt gngntnggac cgacactgtt tcgacctgag 180
 caggaggcct ctgncatggc ggnccacgtn ttctaccccg nncagctggt ccagntgatg 240
 ctcaacaact ttgccagcct cttaacttga cccaggcagag gaagaggaag gcnctttcct 300

gtgatttgcc acctagcctt tggagagggc tggcgggttt tctgttctga agatacaatg 360
 tcctcccang ggacaccctt cnttnncngc tccagtctca cttgagctnc tgcntaagag 420
 ggnttggtcg aaggggaagg tataggaagc ccgcttgtgc t 461

<210> 92
 <211> 459
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 92
 agtggggtct ttcacatggc gtggtggtgt ccgantcact tgtacaactg gtaacgctgc 60
 ggtatggacc gatccagctg cacagcatcc ggctgtgtaa gagggcacga tctccgactg 120
 cgccatcctt tagccgtctt ctctcggatc ttggagcttg gagcgtgcca ccgtttctcc 180
 agggaaagag tcaacaccag caacagtggc agccacatat tcgaaatcga ctggggccct 240
 ggcaacagca gcagggtggtg ccacagagct cagagtttgg cttggggtca gcctcgggca 300
 gatcagctcc cggaactcca ttttgctagc gtaaccctgg gacctagccc taaaaactct 360
 ggtagggata ggctggggaa gctggagaca ccgactgacc gaagccattc cggaagaang 420
 agcccnacag ttccatacgc attttcttct aatcccagg 459

<210> 93
 <211> 455
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(455)
 <223> n = A,T,C or G

<400> 93
 gtatgtgagg gtagaaagca cctcnnttga gcttnnnaag ggcctntntt ngnnnncnag 60
 naaccacatg cnggctnccn tccatctgan gagagntgng actccctttt tnnnantgan 120
 agnnnactnc ntctgtgctg ttatanatna tnaangaata atagttgaag cncctanttc 180
 cananctgng gagaagcatc ttccnaaagg acgccttgca ggcaatcaca ccaggggcaag 240
 gaggaagtag cctctatccc ggatctatca tctgattctg cttactgaag tctcattctt 300
 caccagtcag actctggacc ttgactgagc ccacactatc cccacagtt ctctgtggct 360
 atttatctgt tggaatttgg aaatagttgt ttttctctga ctcaggntgc tctcctcagt 420
 cttgactctt tagtagacta aactggcttc actca 455

<210> 94
 <211> 452
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 94
 aagaaatagt aattactacc cctnccccca tcgctgaaaa cctgtcttgg ctacngngnt 60

```

ggtaggctnc ctgctgnttg cgntgctagc tcacnccac tgctggnaac actagnacgg 120
aggccactac cacgtgacca ccctctntan ttacttggga cacagcanta ttatntcctn 180
ggccnggnaa ttngtggatn ccctaccccc ttcnctttca tcaactgggtg tcaccaacaa 240
taaaatthtg agcnttggat gcagcaantg aaaacanaac taancacngc ggggnngcan 300
ggaagcaant tntactcatn ncatgttgag cttgccggta cgtcttccag ggattttggc 360
gcacatgtga aaactgnaac agaagcttgn ggngctcaaa aagggttcgg naggggtgtac 420
ctggggaggc acaagaagga atgggcaggg aa 452

```

```

<210> 95
<211> 449
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

```

```

<400> 95
ggtaggcggg cactctatgc cactgngngg gggacaccct tcctacttgg aggcctacta 60
cttcatggca gaggcacggg agaggaggaa gctgcgactt gcagtcgatg gtatcgggcg 120
ctttggcaga cagggntnct ntgnataaca gnctggctgn nctgnaactt gctntgnaaa 180
ccaggttgac ctngaactna cagagactcc tgcttcctga gtgctgggaa tcaagaccta 240
cgctaccaca ctcagncgag tccagccttt cttttctgtc acctcagtat ttgactttac 300
gaacagnaaa gngatagctt tgtgatgggt tctctcagcg atacattctg ggtgaagtag 360
cgatggcgat ttttctactt cagncacttt tcaccattga ctatttggca tcttcctata 420
aagacgttnc ctttctacca aaaaaaaaaa 449

```

```

<210> 96
<211> 445
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

```

```

<400> 96
tggtccgagt cccacgtgaa gaccaancta cncnnngngc ctgntacaca tgcncgtgga 60
tcctacanac tgtgagttcn gcgaagggca agaataagac cannaaccac aactttngag 120
ccagatttga agcaagctct attaaatact gaccaggatg atggacactg gtcangnnct 180
tactcangan cccananta cantgtnana tnacattact gcaaagccta ggctaggtac 240
tnctcacctt catncaatca agggcaancn tacatttatg acgnacttnc tgcctatgca 300
cctccacact acttgagctc aatcacatnt tgaacagttg gggcanctta gctngnttag 360
aantgaaagc anaattangg ggctagtgtg gcttacaggg tagaggcatt ctagctctct 420
ctctgngtcg tcccgtagcg taccg 445

```

```

<210> 97
<211> 445
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(445)

```

<223> n = A,T,C or G

<400> 97

```
attgcaggca cgagaaggaa aggaagagac caagagaaga gactgaagca atgcagaaga 60
cattttctcc agaacctggg cagaaggagc cacaactctc atttgctggc tccgctnggg 120
gaattcaagc cacggtccta agggcagaca agcgtcacgg gtgccatttg tgtgggaaga 180
gttttgccca gcggcccaca ttggtggagc acctgtacac tcacacaggt gaaaagccgt 240
ttcagtggcc agactgcaac aaatgcttng gccgggcttc ttccctgacc atgcaccgag 300
ccatacaccg aggggaacgg ncgnatcagt gncctgactg tgggaagagt ttaccnngn 360
ggtccacatt ggtggcacac atgttntnct cacacagggg aaaaaccatt ttgttgnccc 420
nactggaaca aatccttcaa acggt 445
```

<210> 98

<211> 439

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(439)

<223> n = A,T,C or G

<400> 98

```
tggtactctg ggagggaagt ttntctaagt ccnagggccg ntgcagcaat ccatgctcan 60
cctccctgtg aagaaggana cntgantgtn gtngggatac aacagangat ntacntntcc 120
tcggagatnt cgangganng cctttcttct cagctntnaa catatanana atctatagtg 180
nacatnacaa gatnttgaaa gccctaagg gtctctaata tanatgnttt cctggagaan 240
gngancattt attaaacaat gaaagtcttc tatntaatgc nnntcanaan nttgagctnt 300
cctattgnct ggtatgagcc aatgaattca tgcatggaat caagtcaagc taactataca 360
tagtttagga ttaatatata gtgcctnagt acatgaanta gcaccaataa canaancata 420
actaatgtaa aaaaaaaaaa 439
```

<210> 99

<211> 438

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(438)

<223> n = A,T,C or G

<400> 99

```
tgcgagatga tggcttccaa ccgaccattc ttcgaagtgg agatgtctat gggttatagtt 60
catgcacagc cagccccccc agccagacaa agctacaagc tcgtaccatc aaccacactg 120
ccacgtcact tcccaaaact gctgtgtcag tccctgcagg ccggaccacc ttgctccctg 180
tgccactgtc tggcaggctg gctaaagggc ccacagcagc cctagccaag catgccacca 240
ctaacctgct gctgagctcc ctgaagcagt cgagtgccag caacagcagt ggtacaacag 300
taggcttccc tgcccaccta tatccaggcg tctacccaac catgcggctt tctgtggctc 360
ttgaagcact ggtcccactc aagactncct gcttggatgt taagcacgga gcacagtcac 420
tgcgtttctt tccacaag 438
```

<210> 100

<211> 437

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = A,T,C or G

<400> 100
 ttcggcactc cgcgcgcatc tcttgtggcc tggcaggatg atggacgtgg cgcccgtga 60
 gccgctaccc aggacctcac cctcgtgcta agcacctgct cccggtgccc acgcgctcc 120
 gtagtcaca gctgcgcctc tcgtggtccc ttggcactct gtcccgttgg tgtctaaagt 180
 agttggggag cagcaggaag aaggcacgtg ctgcgatctt tggcgggaga gatcggagac 240
 cgcggtgctag tgtctgtctg agagtggggg gagcccaagg aaacggaagg agcctgtgna 300
 acgggttcca ggctgtgtgc aagtgaaaag tgggggctng ttgcctttgc ccagnggggg 360
 gtaanaaagg ggttaaaggc acagnncnag ngggnnnggac ccaanagggg ggaaaaaacc 420
 ttatTTTTat tccaaaaa 437

<210> 101
 <211> 430
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(430)
 <223> n = A,T,C or G

<400> 101
 cactagtact tcatggaaa cacttgctttn acggaccatg gagacnccac tgtcanttgt 60
 atgntggncn cctangngcc ttacctggaa nnccactaga nntanacttt tancgnetgg 120
 nancctgcat nnaatagngg nnanncanct ttgcttggaa ggtggctgtc gtaatgtntg 180
 tancctgcann gnntnntcac acctaggtga gacccggacc ttanactcc ctagcntgan 240
 natgagggcg aagggagnag nctcctttgn aactacttaa aaccccaggc tagcgtgtgc 300
 tcgaaaataag gtcactagta agaagtctca ggagtaatgg agtctctcag atccctgggg 360
 accagggata ccttgcaggg cactatactg aggggaataaa acttcccata agccagtcac 420
 aaaaaaaaaa 430

<210> 102
 <211> 428
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(428)
 <223> n = A,T,C or G

<400> 102
 ctctgtggaa aacagaattg tatgtgacat ttctgacct gaagaatcac attctgcctc 60
 ctggaatcaa gagtactctc cagaaaagac atctgtgtgg cggcagcaat taccatgt 120
 gcttgtcatc agatcagcaa cagggtctgc ctgggtgtct ctgagctgtc actgcccctg 180
 aactgaatgg ggcatttatc aactgtttat agagagatca gctgaccatc atgcacaggc 240
 cccacgagcc tatcaattag ctactgnann gtngtttagc ccttgcncaa acncacannc 300
 actctgnctc tggactgtgc gnctccttat cagtctctc cagcctctgn aagagtata 360
 aggcagagc tcgccatcct ctgccatccc ccatctcccc ttggataaag ggtcacttaa 420
 ttagctaa 428

<210> 103

<211> 426
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 103
tgagaatgtc cttgagcctg ctctagctgc acccacaagg acctnctact cataactaaag 60
gaagcaccng ngactgggcc tgccctgggtac agtgtatctg ttttttntct gcctanntca 120
angcnttatg tcnctgngag gctaangga agccatcgcc acagctctca tccaacagct 180
ttgtcctgac ctgncgaccn ggattctctc atccccaagc aaattaaaag accaaatgtc 240
attaagcaat taanaangga gcaaattgcan tctgncttct gtgtctccac canactcctg 300
ctccaaagaa cctgcttcag nccctaagga caaantggct ctgcaaaccg agggcagaag 360
aggacctggc aaggtcttat agcantgnct ggcacttacn canggggtctg gaccacctgt 420
tgggggt 426

<210> 104
<211> 421
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

<400> 104
aataccagca tgcagnccca gaannagctg taaggattca cattgacctt caaacaagg 60
agatctgtgg caattcactg ggggacgttt gccttagcta atgagcatta cctagnagcc 120
gccagtgaag ctgaatgaag ctctagagag atacggactt tcttgtgagg atttcttcat 180
actgaagcat ggagagtcga gatacttgaa taccgatgat agagcttttg aagaaacatg 240
aaactaggaa ttttcagtga caacaaaaga ctaagaaatt cacaaatatt atgacacttt 300
tcacatggaa acaatnnatg naagagtgcg cntngtttta tattataact ngccanntga 360
naanactagc ttacataaat ngcggggagtc tanggntggg catttaagaa actgtccaaa 420
c 421

<210> 105
<211> 420
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 105
ctgggtactt ggggttnengt accctgcngg gctgtgttgc agntgnnagc aggccctgcc 60
tcngccggca gacggnggcc tgnccngnga cccgcctgac tgcngnanca cggngccttn 120
ncatagcttg gtagagaanc cgcnanngct tagcttcatt ctatgcgnga ggagctgang 180
tgtatcacca gcagtcagaa aaacaaancc ttatgttgtt ttcttagcac tttctccagg 240
tagatttcag gctgcgcttg aacgagggaa aaaaacccaa aacaacaaaa gcacaaaaga 300
acctcaatga ttaagttggg aaaagtggaa ttttttaaang aacnatntaa antgatctcn 360

accagnctaa antatangtg cacacataga gtataannnc agagaaagac tgaaaaactta 420

<210> 106
 <211> 413
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 106
 ccattctgga ccctcctttc ttacctgcac ccnanggnan gcctgggnct naggagggac 60
 cctgagagcc antgnactct gngnnctcca ctcttcaccg acccttttcc actgctgctg 120
 aggacctgag aagagtccat caaggggggtt ccagtctcaa agaaattggc caagttccag 180
 gctactcggc ctgggttaaaa ataagangtg tacctcagca gntgtagagt ccccagaacg 240
 gctggatgct ggacccccaaa tccatccctg taacccccat gagggccctgt tctctactgt 300
 cccttggtta gacctcctcc ccaggctgtg ncctgctcaa ccttgagtct cctggggtcc 360
 aggagtggga agcacctggc atataattgc gacttaataa acgaatcaat cct 413

<210> 107
 <211> 411
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 107
 tgagaacccg gctgtgttac ncgtaacttg gagatctttc ntcgcttttg gctttgggtt 60
 ggagaagcag gcctccttagc cggcgggtcc cctgagctgt tngttcttct gcggctgtgg 120
 tgccaagntc agtgnacctt gttgcttcac caaaggctgg cnngacggaa actgttcagc 180
 atcagagaga aacacaagct cgttgaaact caacctcana cactgagaaa ctgngatttg 240
 acanaggctg tttgcaaact ccagccacag acaacgggtc ctctgtcca tatagcgtca 300
 gnaagtgccg ctctaagtga tctcattgct atagnctctg tgtttaatgc ctgcagcccc 360
 aagtctctta ctctcctttg taaagggtt tctgctcctt aaaaaaaaaa a 411

<210> 108
 <211> 410
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(410)
 <223> n = A,T,C or G

<400> 108
 atgcgggactc tactaacctg gactctnaan cagcagccta acccatgtgg ctnccttact 60
 acangagnen ctncannggt cactccctta gtgctctgcc aaacgtgtgg gcngacacca 120
 ttgtntaag agggngctac tgtctgacgg cgttcatata gaacntnang nggtncaggc 180
 aancttnnag gaccacacag aaggactttc tgataaagaa caaagattgg nggatagact 240

ttatacgggn ttagcgaaag gacagaaaag ttgcctagcn naggccataa ctntagcgga 300
 atcaacccat acaaggaaga gggagctggc tcagggtgctt ntgcnnagag tnttagccct 360
 ccaacgggag caggagctgc ngaancnagg aaagcccctc acatttcgag 410

<210> 109
 <211> 403
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 109
 tctcagtatc caggaacgag tcatgcccag aatacctgan ntctnagccg tantgcggcc 60
 cagcagcagt gcgngggttn naaagctcgg ctccaacca gcggacttca naagcngccg 120
 gngntgcagg tgcncgccct gtacantcct gtnannccnc ncnagacact naggaaggaa 180
 ctntanccnt agggcnaagc actcagactg agaagaccan ngggctttcc ggaccttgna 240
 gcacncccg cgnccacatg tctactctgc tgatccatca tcencactat gcctggntgc 300
 aagacctggg gctccgcgag ganaacgagg gcgtgtntnn tggaagctgg ggcggcttgg 360
 ngagaggtaa ttacnaccta ttgtcctgct aacaatgagc caa 403

<210> 110
 <211> 402
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 110
 aacctggggc agtacgggtg ctaggcatnc tcgnagaccg ggcatccgng ttcagcacgg 60
 ncacttgatc ctctctctcc tttcttgatc agacccact acngtagntc tgtnccttac 120
 ctggttagcaa tgacacccca cccccccacc ccaccccgcc tacccgagta ttttatgtta 180
 ctaaggaatt atcatcatcc ttatcgaacg tgcttacggg aatgtggctt taaattttaa 240
 acacacacac acacactaaa gtgttgatag gtaaaatgat ccaatacgtt tattttgttt 300
 tagactaagc ctctggaaac taggaaagaa ggaataaat taactgagga tgctcttcga 360
 tgntggagct gngggatatg tacacatatg ctatcatacc ag 402

<210> 111
 <211> 400
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(400)
 <223> n = A,T,C or G

<400> 111
 aagcctcagg aggagacgtn cccacgcaaa ggtgcttcta gccagcccc tgaccctgag 60
 ccnttgaagg gtcaatcatg aatgtttgaa gagtggcctt ttcccagagc cccacaccct 120
 ctttccacag gagaaacatg gggcctcccc ttncceaacc tctgcagnaa atgactactg 180

cacccagaca gcctncgttt tctagaagtc tatttatatt gtcattttat aacactagct 240
gtgtctntgt ctcagnctag gaacagatgg nccctgacct atgggggtggc tggcccaggg 300
acagggccac tttgaagaat caggctcctg tccccaccc tgccgccagt ccctnaagtt 360
agttttacaa ttaaagnatt ttcttgtttt tggatgaaga 400

<210> 112
<211> 399
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(399)
<223> n = A,T,C or G

<400> 112
acgttctgca cagcatgccc cactgtcttn gcangaggac cccaacgagg ctacaaatac 60
nnattccagt atgcatnttt caggatggga ctcacacatn tagacatagt cnggncgant 120
ttcttacagn ntncanntaa ccaagatcan gcaganacac atttacctgg agcgcccttg 180
ncggtaccag acccctgnta anaaggggcn agacacagat ccctaattnc tctactgagga 240
acnttctcag nagtttctga ngctganttn ttggncagga cagcctgttc ctntgtnaat 300
gattttcaag ntttttaaaa aactcttggn tcnnangan gaggangagg ctgaaagccc 360
ttcntctgag gaggaanagg aagaggagga agaggagga 399

<210> 113
<211> 391
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 113
ctgcctactc acaggccctg actggccatg taggctgntn ctgctgctgc tggattcctt 60
gtgncaatga ctgccancga cntctncacn tctgagaact gaccttctag aggcanncaa 120
ggcagatcca nctcaatcac cgcctaagtn ccctnatgnc gnctnaaact ttcagcacct 180
gaccctgggc agtttagttta tnnnaggaat attcangctc ngagaanttt ntggcnagaga 240
aggagtattn tgaanngatg gncggccctg ccttgctccc caccctctgt gctagctgtc 300
caggaanggc tagattcaca gtggcatttg caactcatgg aaaacaacaa atgcttgaaa 360
tagaccgtac ccgagcccg gaaatggaaaa a 391

<210> 114
<211> 391
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 114
tttactgtag gcatacggnnt tccttgnaaa cnggctgcct gcctatcttg caacctcatt 60
cctgnatacg cgcccgccctc tgnctccang catgctgaag attgaaggcg tgcaccatca 120

```
ncgtgcangc gtntntcacg acgctgaaga tggagcctcn ttagnggagg ncctggctgg 180
gggggttccc gnnngtgtgc ttgtgccagn cactccagtt cctcctgagg agtntcagtt 240
cctgctactc cgtgaggggca ctccatgttg gcttcttctg agtgtagcct cagactgagg 300
ggaggcagga atttaagggg cactacgggg acttctatag cttaatccca caaaagccat 360
cgcttctggc ctgctctgtt ggccacacct g 391
```

<210> 115

<211> 389

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(389)

<223> n = A,T,C or G

<400> 115

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acgtggacta gcgcactnag gtttactttt cacgatcgng ggagancctg ccatataatg 60
ngagagtnca cancactatg cctttgaang ngntagacn tcnnctctga natcacattc 120
atgggattgt gcacgccccan gggagnccag gnccttaan ccacttgagg aggatatggg 180
gccaangtna gtgtgcctnc cctttgntna gncnctttt agcaccccc agggactagt 240
ctgtgatgat ncgtnaataa gaggtcactt agtaaaaaag tactncaggn agtntatggg 300
agtctactcc agcatnccct gggnacncag ggattactct ttcagggcac ttatatcttg 360
gaggggaataa nactccccat gaagaccag 389
```

<210> 116

<211> 388

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 116

```
tgaggagaca gtatgacaga gtccctgctg cgcaaaccct gacacctttt acgatgctgc 60
ttgtattgag gacttagaaa gctattcatc tcgctgccgt acaaggtagc ttctcaaggc 120
ctcttttttag ctgctgctct gttgaagaga aagaaccgcg tgaatcaagt tcatcggtga 180
tatgaacccc attcttttgt tctagatact cgagcctatg caacagaaca tccccgggaa 240
caacatgagt ggcaggcagg ctagctcagg aaggcggggc aaagccttgg aaggacagat 300
gttgcgaggc catccacgtg ggnagaaaa tgataaagtc ttagatttct acgccttgcc 360
tcctccacag ggtttaagtt ttccttaa 388
```

<210> 117

<211> 385

<212> DNA

<213> Mus musculus

<400> 117

```
cattctggga cactcggcag tctgctcctc ttgatgcaag ccagggctaa agtcagttct 60
cacctgtatc cctgccttgg cccctagtgt agctcctctc tctttctgac cttgctgtgc 120
agactccgct cctacactgg gaatccaacc tgacctagaa gagctcgtcc agccagttcc 180
cgaccgacca agcctctcct cactgggtgc ccttattctc ccactccagc ctcattctct 240
cccaacagct tgtacttgac tcttgctgc ttcagcatcc ttgaagacat catccccatc 300
tacctgacag ttttcccatc ccctccggtc tcaccttgag cattcattcc taggacaaga 360
```

ctctcagatt ccccaaaaaa aaaaa

385

<210> 118
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 118
catgctcatc catacnaatn cgaaataaag aggcgagttc ancgccnctg gcgnannncnc 60
tgcnnnganc ncaagagnnn ctggcctgat gacgcagncg gtagcctggc aacctagggt 120
ccgtcaagga acacgtggta gaaggggagt aaggactccc ccaagttgtc ctctaattctc 180
catgtttgct gaggcctggg gtgcgtgctc tctgtaagga aatatatgca aaacaaac 238

<210> 119
<211> 381
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

<400> 119
actgaggtgc ctttctctgc agctatcccc ctgtcctata aatggatctc tcacaccatt 60
cctgtcctc catcgagtca cccattgaa gggtagcaaa cttcgtaatg ggtcctgttt 120
aacttctcag aagacattgt cagaattcga tggaaaccga agcctcacta atcatagcat 180
cagtcaagat gctcatcagc tggacttttt ctccagcaag gaagcatatg atgaaacttt 240
tctctgttga tgaagccatc tttgttccga tcggtcatgt taaaagcact tgaactcccc 300
agannгааac taanacacgc ctggcagaca ccttggatgc tgggccctng gggcttttct 360
ttgccctcag gctcttcttg g 381

<210> 120
<211> 380
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 120
ctgggcagag cctaattact tnttgtggca actctctagg tacggacagg caagcanggc 60
tggttcctnc cntgannacc aaaaangaga cnngcncngg ctnacacctg gatccccgca 120
gataggcaaa ccctagtttg atggaccag caccctgtcc ctaacagccc cgtgctgcgg 180
acctgaccgt ggccactctc ccccccaacc cccacgtcg gttcaagagc ctgcgccgg 240
gatgcctaaa ggcttccttg ctctcataac agaggtggag acgctccagt ctccagatca 300
gaccagagg tgtctgtggg cttccactca ctgctgggga cccctccttc cactgaagct 360
ccttgttttag aaaaaaaaaa 380

<210> 121
<211> 378
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(378)
<223> n = A,T,C or G

<400> 121
gttaccttat acataccctg actgggantn cntacaagtn ncctgagtaa gaccttngtc 60
acagcacact ngcctncagg nangetgaag ngtgngacag cacancctgag gcaagcggtc 120
tntgactgac tcgcctccng gcaggctgaa gtgtgcnaca gcagnctgag nangcgtttn 180
tgactganca gggcctaagg ntactgttag caccattact cattagtggg actgcgcttg 240
ctttcanact cttgggttgat ctctaancaa tggnatatgc tatatttaaa gtgntaaaat 300
tnaggancac agtctanca aagctatagn tnttnttaca tangcagnaa aagatnactg 360
ataaaaaaaaaa gggagagg 378

<210> 122
<211> 378
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(378)
<223> n = A,T,C or G

<400> 122
ttgaggaggt gccacccacc ccagctgcgg cggnaggca ggagcgccaa ggcccgtgtc 60
ccgacccgcc ctcccaaacc agtgacgatt atgagggaa agagatggct tcctgcaggc 120
caggagatgg nagatttaag gttgtcgtcg cccccaccc cactgtcctg ctcttctgca 180
tggaccggct gaagtgnngg gagctttagt ttgtattgtc acagtacgtg ctgtctagct 240
cagcacaagt gttctaagtt cttggaaggc aggtgctgtg taagtacact aaggatgtgg 300
gagtgatgga caacgcaaaa tataaacaac agtgactccc tttacaataa acaattagac 360
ttgctacaca aaaaaaaaa 378

<210> 123
<211> 376
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 123
gagggtcttg tgtgtgactn ctggcctggt cttgaatttg tagccatcat ccgccccagt 60
ctcccacgtg ctagaatttc aggcattctg cacctgcaca gtcagcctt taatagttat 120
ttcccaagaa tattaaatga gtcaacaaag taticctaga ctggctaata aaagacacag 180
ctcccagctc ttattataca gcagactgat gtcaagccat cccggtaaga aagcacacgt 240
ttcccacatc ctacctctgt gaagtatttg ttccaatccc acatggaatg gcgcttccac 300
tgagatacac tggactgcaa ctagacatgt gcagcagacg gagagaaatg aaattacaat 360
aacaataaaaa aagaaa 376

<210> 124
 <211> 376
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 124
 cagctggggcc caggcctgaa gattcaacag cctnngccag gttagccccc ntttgtectn 60
 tgggctgnnn caacaggccc anncaggctt tctgnacanag actgnccang ctnagctgag 120
 cttgcccctc cagctcnctt cctgactgaa cangccttat nagttttctg gagccctttt 180
 ttagtctgcc caacctacan acagggtact cacaccctgg gactnctttc ctcctnggat 240
 taactnctgg gttcctggtc tttaaaaata cacgccgcct caggggtccc cagctgctcc 300
 ccagacagcg ccacctacat ggantgaact gctgtcccat ctaattttca ggtggnaag 360
 agcatggggtt ttttct 376

<210> 125
 <211> 375
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

<400> 125
 acagcaaggg tcctgtcttt cggccagtgc cccctcnnc agttnaccca ctgggaagtc 60
 ccgnannngg gggcgngn nntatcacnc acnntcntng aacnctgnct ncgtccctcg 120
 agncttttn ggaagacctn aagagagtgg ctctgnagaa ggacttgccc tggancatga 180
 cagtngaat tgtttgacct ggacatantc atnaagannt tnaaacctgt gangatagct 240
 tgctctccca gactgtatta gagctggtt ctgtcctggg cttcatgta tgtagttaag 300
 agaggggttc cagcgtgttc catgtgagga gctggggnt ccaactgttt gatgtttaaa 360
 atgaaataga accgt 375

<210> 126
 <211> 374
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 126
 agcacagaac tcattctggc ttcacctggg actccaggga ggtgtcccg gnaccgccat 60
 ggtcaggctc tgcacctctc taggctttga atccgcacct ttgcctacaa gcgacagtgg 120
 agtccaactt ccacgcaaac ctccaaaacc ccaacacccc gcagggcatt aggggtccgac 180
 ccaacctctt caaatttgca gccacaatga acccacgtgt cctgtttcaa anntncagct 240
 tgtatacttg ggactctgcy gcccttaana cctgaagctg tcctccagt ccatggctc 300
 acagccaacc ccgagaaagc tcacacctgt cagggtttgtg tgacccana actcccagag 360
 ccttacaacc ctca 374

<210> 127
 <211> 373
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(373)
 <223> n = A,T,C or G

<400> 127
 cacgcgctac cctctactna ncacacatag tattntgnac tggctcnttg ggntaaaacc 60
 ctgangtaan aantgctnac nnttctctgc ttcttgactc tgcttgagac ctggccngag 120
 ctgccccant cctgctggan ctaggacttc tnacagtccc tcaactgtga accaanggaa 180
 actctttctc ccttcggctg cctttgtctg gagttgnacc gagngacng gagatgacac 240
 cagcagaatg agaggtagac agaggctgag gtacagacgg ttaatacacc gcagagcgg 300
 cagctcaaac ttcattcttc caaaggctgn tttttgattc ttacacaaga cagaataaaa 360
 cttttttttt ttc 373

<210> 128
 <211> 373
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(373)
 <223> n = A,T,C or G

<400> 128
 aatctggggc ggaccttgcc acatgnggca ngtcagttct ttaccnntga nccccattc 60
 tncctcatng gctgncctaa ggnactgagc tacagtggaa gaactggagc cttctatccg 120
 agatgatcag ganatggatt cggagtncaa gaatgacttt gntactcct acatatgcnt 180
 aanacttggt tagncanac attctgtnc cngggccann tnacagtttg gcttgntttg 240
 ctgtgtagnc nagggctcct nccggganc acngactcnn ntntccattt caanganact 300
 atatcagcng gttcgactat gcctaantcc tatactgngg attgaacccc agagcctcgt 360
 ccacaaaaag caa 373

<210> 129
 <211> 371
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(371)
 <223> n = A,T,C or G

<400> 129
 ttcacccatt ctgtagcccc gntagcaaca gaangtgcct gagcgtgcag atacttccgg 60
 nccccgggt agggcggncc gagtctgagc aaggtatcta ngcgtgcggg gcatgtgttt 120
 gctccangtc accaagcacg ctagccccct ctcttcttcg gntggaacgc acaccgtaag 180
 cgacaagaat tgtgtgaggg tggagaccag acagtgatc aacaggtctg gagcanaaca 240
 cccccccaca cacacataca cacaccccg gcgcgtgccc atccctcanc tcttactca 300
 nacatatacg gtggttgtgc cttcganga tgcttgca aaggagcga atggctgctt 360
 tgggaaacct t 371

<210> 130
 <211> 370
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 130
 tgagggagcc ctacgttgtg gaaggaagac acagtatagg accatcagca ggaccggaca 60
 gaggaggggc acgtangcat naattactgg atggcatacg ctantntnac taaaaattaa 120
 aangccantt attgtatnan tannganagc tgntattagc ggtgttgcnc caccacaccc 180
 gacaaggaag cctgttttaa gaagtgttc catggaggag ttctgcggcg gntcagggct 240
 tgaccaaaca gtggacctca gacaagagag gctaaancag gctgnangng acaggangta 300
 ttgaatanac tgaaagcaaa gggcagcctt ctaattacgc ttngtggcta cgtggacaac 360
 ctggagaagt 370

<210> 131
 <211> 370
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(370)
 <223> n = A,T,C or G

<400> 131
 tgagggcagg taaaccccc gctggcttac atctggatgt ggtgaaagga gacaagctaa 60
 ttgaggtcct gaatgggnact tgcctggaaa nattgncgtg tttattcngc ntccccgtcg 120
 cttgganttn tatgnatatc ttgnggtgca tatntncntt agtgnggtnc ngcnntctag 180
 ancangggac accnnaacag agactngtgc atgcatanat atgggaaana ctancncnag 240
 actactttat gaagccagct cttccactga nctttctgaa gaccacaggc atgtctanca 300
 cgtagagttt ttcacatcagag ataaatatga nangangana tactatgata ataaatgcaa 360
 tagctatcac 370

<210> 132
 <211> 369
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(369)
 <223> n = A,T,C or G

<400> 132
 cacctgtatg tgtgacntga aggagagcca tntacagatc tctggttcca tgatacttna 60
 gcntancttg gaggantttt nttttatgac nnganccatn cncctnctgn tntgcactgt 120
 cctntntngt ccnctgangc nggaaacttt ccttttgnca naactganag caagggcttg 180
 aacttatccg ctgggatggg angagactac acgcccggcc atccccctcc ctggtcccat 240
 ctctctncct cagactttga agaagtgtga tagcctcagg aagacagacc tggctgtggg 300
 cacaacctca tggaaagatn cttttgggaa ctcagngact tgtttagaat cttgtttcat 360
 ggagacctg 369

<210> 133
 <211> 369
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(369)
 <223> n = A,T,C or G

<400> 133
 tgagggtgt gcctggctct tcctgagaag acctacgat nngcgtngag accncatgat 60
 gaggcctntn agtgtgctag tttcngngac attatnaaga aagtccttcc tgcagggtggc 120
 ccatnatgtt acgctgtgna tggacaatgt ctaacnctgn gtgcatccga gacatctttn 180
 gncactcaag tgtannctgc gactgntgac ngagcttttg tggttgnagc tgaccngcct 240
 naccacagtt ctgaaaacta tnatgggcag aatactatgt gtcngaagat gaaganncan 300
 agganngtc tccctcttac agggcnaaac accaatgcat atgaaataaa aattttaaaa 360
 attaaaaaa 369

<210> 134
 <211> 368
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 134
 aggacggcac aggaagcatg ntctggttcc atatntctac ctgccactaa ncgngagct 60
 ntngencctc acccncgct ntggntttct antnttnncc accnnctaaa ggcttgtctc 120
 cagctgataa aggcatgag aggtnnncna accttcagca natgtaacct cngtgnatga 180
 aggttacctg tganangccc ctgantggac actnggactc agcctcttct cggcccgnct 240
 tctgcttctc gccctncaga aggagagcaa ctctacccta ccncnagagg ctcaccgnca 300
 tgtccgatct ccccatgggc caaagtgatg gtgctcaatg gtcgatgatg aggcctctag 360
 gaactatc 368

<210> 135
 <211> 363
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 135
 cacgtgggaa acaccttcct aatgtctctg gtagctcact gaaggagggg acacagtcac 60
 tcaggaatca ggttcccaaa gtcatcacat tccggggagc tactcaaggt acaaacgcct 120
 gggaggagag agggttctgt cacctcttca cctcactgct ctgactctca gcgccatctt 180
 ggaactgagg accctgcatg gccttaagta gcataaggca gagctcccgc aggttctnct 240
 gaggagcctg aggaccagcg gntcctgtca ctcagtcaac tctggagaac acacttatgg 300
 aagagtgtgt gcaactgtgga antnttgcca tggggtgact accctggggc tggaacccta 360
 aaa 363

<210> 136
 <211> 360
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

<400> 136
 atgtaatgag gagacacttg ccttctgaaa caaaggtgan taagcaacgg naggcatcct 60
 gagggctgga atganaangg cgcccagagg ctnacatgtc tgaacacttg gttccnactt 120
 gntgnaactg tnggataagg attangaggn ggannacggn antnactngn ggcangatgt 180
 gaggttttca aagcctgatn cnnngcccccac tgaaatctct gcctccaact tgccatcgag 240
 acgagacctg tgctgctgct ctagccaacg atgggtcatgc tttgctccag catcatggac 300
 tggaacactc tggatcctta tctcacttaa acaaactctt ttatgggtta aaaaaaaaaa 360

<210> 137
 <211> 360
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(360)
 <223> n = A,T,C or G

<400> 137
 aggaattcag tggtagggca actacttttg ggacaccctt gccctccttg ggggtgctang 60
 gcagttccca gcaacacaat cagcagctgc ttcagnancc tgcgggagca acggtcccag 120
 ggttnccttt gtgactgcac tnggatggtn ggtagtacct antctcttgg cccatcgggc 180
 tgtgctggcc tctgcagcc cattntttca gcttttctac aaggagcggg aattggacaa 240
 gcaggggncn ggngtgattt cacaatgaga ttgtcacggn acccaacctt tggggatgnt 300
 tttggacttt atgtatgctg gccagctgac ccttangggg aggatactcc tctaataata 360

<210> 138
 <211> 359
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(359)
 <223> n = A,T,C or G

<400> 138
 aacaccttaa aaaaccccng gtcctgcntc cctccttggtg ctcnnggcagt gacnnggcct 60
 cctccgncctg angacactga gctccaggtc acnntccgng aantgatgaa tnngncgcn 120
 gcgnagccga nanangatnc anccctggag cccagccta gggaactac ttaccannnn 180
 gnaggctctg acgcttgga acctattcct gctcgcgggc accgctgcac ttgggtctgc 240
 cagtgttact ctgctagtgt ggctgttttt tcgatgggtac ttaagtggca actaacaat 300
 cctgatccta catctgtcct ggaaataaag tatatatattt agttcggtta aaaaaaaaaa 359

<210> 139
 <211> 358
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(358)
 <223> n = A,T,C or G

<400> 139
 ggtacatcgc tccagcagct ccanccttgca agaaggccac cacacaanag cagggaaagg 60
 gggncgaagg aaactccaat caactccaaa ggctgtccaa tatccagggc ctcttgctgc 120
 tccgtccgag agttggaagc tgttattccc agattagcac tgatgacctg aggggnncag 180
 ctgctggnc tggggccaca tcagaagctg gnngangctg gtttctttta tcagcaaagg 240
 agtccagcag caacatgata nacactccca cancccanaa ccaaggnagg cacctcacac 300
 tggctctttca gntctcactg catagaggct gcnccccna aagggtgctgc cacactaa 358

<210> 140
 <211> 357
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(357)
 <223> n = A,T,C or G

<400> 140
 acctgaggat ggtgtttcag gccctgntgt ctangccctg ctctacngct gtatntagct 60
 tctgtgtgtg canntctcaa tggncgnacn gnatgcnnnn atntcaagct gccgctgatg 120
 acttgtgaag tgaactgctg atttccagac aacgcgacgg nagttgctcc aaaagaacct 180
 ttccagacag gtccacttct ctttaccnt cngcatgttn ataaggcntg tgngcagctn 240
 ctnacctgnn ntcncagnta cncaagantc nacttncgga ngatagatct cttgtgncta 300
 gttnaagggtg agcctgggta acatggaaat acatgatgct caagaagaca aaaaaaa 357

<210> 141
 <211> 356
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 141
 agccctggct tgaggctgcc cgaccttadc cagagaccct ctgtccgctg gcnnaggaggt 60
 ggacaaagag ttgactcggc cagtaattgc ttgngtgaag gagacgtggc tgtcccangg 120
 ggagaaccag gattnaactc tgcccttcag ctacagcttt ggctngntac anagtctgaa 180
 naccatcan cgcctccnat gctgcancca cctgtcctgg agtcatanng cttaccaagc 240
 gtggaccccg cngaggccgg ccgggggacg gcntccctgc cccgggaagc angctganta 300
 ctttttaagg gacncttggt agacctattg gggagaattc cggaacaaag aattgt 356

<210> 142
 <211> 354

<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(354)
 <223> n = A,T,C or G

<400> 142
 atcctgtatt gctcagactg gcttgcnac tacaaatnnc tatctgcttg cctgccaca 60
 tttgagagca ntagagtttg cnccaccact tcccggttca aggntctttt aactgctaac 120
 tgaaaatgga atgaaattgc atccatagca tactgatggg atgccaggct tggaaagtag 180
 ctagaatgtt naaggatatgt tgacaaataa gcctcttagg ttacaaagga gtttgggggg 240
 aaaaaantat ccattgtgaa aatgaaagta cagcctagct cacctggggc ctccctgctc 300
 acaccaangc aggtttcaat aaagactcag ccatgcttcc gtgaaaaaaaa aaaa 354

<210> 143
 <211> 353
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 143
 agtagcaggc acagcatggn atggnactgg cagcacgacg gnaaacagta aaatattgtg 60
 gnagnacagg tattggtatt ttgatgagag ttttgacaag aataatcatg ctgtacttat 120
 ttatacacta tacatagcgt ttgtatanaa atgtctgtgt tagcatttgt ctgtatatga 180
 aactctcaag tcatccatct gcttaaatta tttgatgtgt attgatagag ngaaaaacta 240
 aggttgcttt ctccagttttt cccttgagtg cttatttagt ttgaattatt ttgtatacat 300
 gaatgtcttt tattgaaaca natacaattt ttttatgtct ttaaaaaaaaa aaa 353

<210> 144
 <211> 353
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(353)
 <223> n = A,T,C or G

<400> 144
 gtgcctcggg gctctaccat gctaggctnt cgaaagacag accggcttan ancattaacc 60
 aaggctnatg tacgcgntcg cataggtnrg tggaaatctg aagttgggaa gaggatgcc 120
 ggtacnccat ngctaanaac ggtgcctgta ccgntcgcag gctagcctgt gctatgactg 180
 aataccttgc ctcaaagtga acaagnngac nnnagagaac gnntgccctg cactggggnt 240
 gnaattctng cgatggncna cggcaggacc tgatnccaat gnnagncagn tctttgngac 300
 cctggncnccn angcannggc tggacggnaa gcatactatt tttggccgag tgt 353

<210> 145
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 145
 atctacaagg ggaaactatc cattgggtgg ctaagggagc tgaagagaag atancgcagt 60
 gtntganttc ctgctcccaa gatcacctgg agagttctcc caagtgtgcg ananntggag 120
 gaatgccgcc caagtaactc tgctggagcc ctgttttcca ccagagcttc cagacacttt 180
 ttgganctca gtggggaatt atcagttggt ggaaagtgc tngtccatct gncatattgt 240
 ctgtctatct atctaaccatc tatcatccac cagncgtgtc atcatntaca tctatctatc 300
 catctacaca tctgnctatt tttctaagaa ttattttatt tatgtatatg ag 352

<210> 146
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 146
 cactgttgaa cacgaagttt ttatttttgt gtgtttttta atggctttac agaatatata 60
 acagaatact gtttgacatg acggcaaaaa atgtngcatn gccctngacg cctncncagc 120
 tgnangnncc tattcaccag caatantnan ttccaccnaa ancttacggc ccactngtgg 180
 gantggcgga cccagcnnnc ttntcancac cccgcattag taaccgncaa ccttaggnan 240
 cgntactggt tgggantccn nccccccctg caccgcgagn ggtcgcacat aactcnccta 300
 gctgnggctg ctggctgggt tcccncttat ccnccgcac ccgagaggtc ac 352

<210> 147
 <211> 349
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(349)
 <223> n = A,T,C or G

<400> 147
 ctgtcgatgc acaaggctcc tcnctgngga ctctgtttgn tggaggagca ctgaanacag 60
 nccctntgnc actntctctt tacttcttgn tanctgccaa gggacctgng gacantgctg 120
 aagcttagac agaantgctg gagccccaca ggcnccctctg caagccagct gccangtag 180
 caagcggagg gccatggagg caaggatatg ctgagaggnn ttaactctac tcagnaacct 240
 ggctgacctg gcaaagtctg tgcactggtt gccccagggt gtctgtgtgg ctggccgctt 300
 ccctccttgg ntgggtgggtc tcatgggcac catctccttc atcctcagc 349

<210> 148
 <211> 344
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(344)
<223> n = A,T,C or G

<400> 148
gcaccttaaa gggaggacag cagactcaaa agggcccagc catctgcttg gacagcttca 60
gctcaccgga gctcacgtga ggctctgcaa ccacagaaac ctatctccca ttatttcctt 120
tttttttcan ctganctgtt ttgctgctga aagacacnag cagtctntac ccgggagcat 180
tttttttctc ctgtttctga gctaccttcc tgcacttggc tggtnanggg aatagctcat 240
gcctcgggta ccagctntgg ngggtaataca attgcaaagt tttgggggtg gatggntgac 300
ggatgagggga cctttatctc ctctcccatt ttttactggt agca 344

<210> 149
<211> 341
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G

<400> 149
gagtgggggt ctttacagtt tncacctnac ttccancttg aacggtgcat nnatacctgt 60
ttgtgtataa actgcantgc aacatcactg tcttggtgtt catgacctgc aaggaccagg 120
gaccgtggca ctgcacagct ctttatttnc antanntact gnctgtgtcc catgnaacct 180
ntcattctgg gacagnctgt nncntcacca nttacttgtg aagnaatncg gcacacanta 240
cacaaactgt gcacacagcc caggncctggc cccactgctt tactcatcca ttactactng 300
tntctagcgg gctgcccatga caacaaaaat aaacatgttc t 341

<210> 150
<211> 340
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 150
tgcttactta agggcatttt tatgtaagta anggtgnttt tttngcannt ngtcatnnta 60
taannacnct gnannntttg atgatngggg nnntnggtgt ctgtggtggc acaccctcct 120
gaagccagac ctccccttgc ctaaccctg taattgcagt ctctgtgac taatgtgcac 180
caaggacaag ctnnaccagg gcctgttttag aatttncctc ctcccttggg ggccaacag 240
aagccactca gcatctgacc aatcacagct cttcttggtga acattgtcga tgtacgcagn 300
ccaattaaaa ttgccccctc ctgacaccac aaaaaaaaaa 340

<210> 151
<211> 340
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

```

<400> 151
aaggaggct gacgatgcat gattatatatt atgangggcc naagancgcy tgaccacacc 60
cannctnttc atncattctn ggnntgagng agtcacctga tggacgccta tncatgatgc 120
gtgaagatcc atgcgacnac ctttnngact tcgcttcatn cttggntggg tcctgcngat 180
ggaanncagg tngtcggaca cagnaacaag ctcctttact gacngagaca cctggccagc 240
cctgaagcag gttcttttgt ttgnttggnnt ggtttttttg tttttgtttn tccaatnttg 300
gggaatntac caattaaaaa taaagccact taaaatggtt 340

```

```

<210> 152
<211> 340
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

```

```

<400> 152
ctgcagacag gactggaagc ctgncagtca ggtctgctct ctcggtcttg tccttttgat 60
gtactccatc cagggaaggn gcanccatcg tatgctttaa gggactact cctctctgca 120
tggtctcctt ttctcataca agcgggtgcc ttgcccttcg gntagnaact gnangntngc 180
annacagtgg caccagcggn agcacctnnt gngagcttga cccaaatgca anancactnn 240
ctgcancaaa aagnacagaa nccncnctct acattttaac actcatccgg aagcagntcg 300
gcatgcncag agcaaattnn agaaacacta gcctgaaaga 340

```

```

<210> 153
<211> 338
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

```

```

<400> 153
actgtacaca caattgccat ttttgctaca atgggatgac tagtaggacc ctgggaatca 60
acgcaagcta ggcattagcg atgcaagcca ccattttacg gnctggtgag aaggntnact 120
gagnancanc ncctggctga tcntgnntaa ggnccactg ncttctcncn ccaacntat 180
gnaggctgac agccatnntt atcaatgata tngactccct tttctggagt gngnataaac 240
agtctcngt gtacttannt ataaggaaaa ctaatagctg ggnnctttca aaggctggng 300
anatggctca gtgngtaag agcacctgac tgctcttc 338

```

```

<210> 154
<211> 337
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

```

```

<400> 154
tgagaatgcc tgacacgagn ccattaaggg gaaaggattt acttgaacgc acagtttgaa 60

```

gatccccgtcc atcatggcat tgcaaccaca gtcaggaaac agacgggtga atgctggcac 120
tcagctctcc agaaacccca gcccatggag cagtgccacc cataggnaat gtgggatctt 180
tctatcttag ttaccctant ctaaataatnt cccacagnat gtnggaggct tgtctanac 240
catctanac ncntcanant ggncgtnaat ctttttttta cattttttaa ataattnatg 300
ggcatgcatg tntgccaaag natgcacatg gatgcag 337

<210> 155

<211> 337

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(337)

<223> n = A,T,C or G

<400> 155

atgccactgt gtctccctag ttctacaac ctggatgttg cggacgaaca gtgaaccttc 60
agggtgcatg gttatcttgt gattgtcatt atgccagagc ttgtctctat gaggttagga 120
tacaacaata agtatgtaga ctgataaagg atagtgnctg tgtntgggta tatttatacc 180
agtgtgatga caagnacaaa attggccaca taattcaaca aggtaattgt aaacataaaa 240
tgctaaaaat gtttgaaaat atgacaacat aaaaacaaat ttgtctttgt anagtgtatg 300
aatgtttgca taaaaataaa ggcagcctta ttttcta 337

<210> 156

<211> 336

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 156

agtaaccctg ggcataata aancagggtg gaaaggnagt ctgcatagt taatgtctga 60
tatgaagttc taatgactac acccacttct gaaggcctct gacatctac agcctgttct 120
tttgtaacct aacagaactc ttcatgaaac agcagatacc ngngtggaca gacncctacc 180
gcnntggacn ntctttactg ntcgncttga gantcnnact nttgccttnt ncagngcagt 240
gtctgccgnt acgctgcct gaagngaagt nactgaacnn ntganantgt gngcncnanc 300
aatgaaaagt tggccttana aaagttgcct aggcca 336

<210> 157

<211> 335

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(335)

<223> n = A,T,C or G

<400> 157

ataaacatca cgatcaacct gcgtncntna atcggacacg tnngnattcc ggcaagnttc 60
caccacancc ggccacctgg acctacaaat gtgggtgctaa tcgacaagcg naaccatncg 120
aaaaagtttg agcaaggagg ctgctgacan gggaaagggc tccttcaggg acncctgggt 180

gcttagacan gactgaaagc tgnngngggag cgtngttatc actattgaca tctccctgtg 240
naaattcttg gaccagcaaa tactatgtga ccatnatnnn tgccccangg acacngaga 300
nttnatnaaa aacatganta caggcacatt ccagg 335

<210> 158

<211> 335

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(335)

<223> n = A,T,C or G

<400> 158

ctgaattttg ttgttctngc agtcttggaa aaccacanag gccgcangcc gnnctttttac 60
cgggtgncagc ngacaccacc ngggccacac agtgaccttt gaggatgtgg ctgttctnct 120
gtntnangag gagtggggccc gcctggncce tgctnatcgg ggccctctnnc nacacgtntt 180
gaaggacact ctacggagaa tgtagntntc actgnagact tnnaggcatc taatcctgtg 240
gtgatntncc agctggagcn aggagaagac ccgaggnnnc tgnatggaca gggaancgag 300
ctgagccaga gcctgggaag ggaccactta gaacc 335

<210> 159

<211> 331

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 159

tactgtgttg catattctcc cantaaactgg attnctcctc ggaannacac ctcccacggc 60
ttgcatagct ctgccccag caagctantc caaggcactc actgtatgac gtgaggctca 120
ccatacactt atcttaaggg cgatgcntan cagggtgtaca cncncctcc cnttcaanta 180
ngnagnccct tcgagggggg nctggngact actngacaaa actggtcgta nccttttctg 240
cactcatgct tattcttaca nnttagacta aaaggncntg gggacncgng tacgctntgn 300
gggcatggaa cnttcagtct tgccaggttt t 331

<210> 160

<211> 331

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 160

ctctgcaaac ctgcttgnta ggggtggcag actnactgtg tcntncgnta ctgtcacgcn 60
cncctgcctgg taaccngcaa cagccacaca tgtgctacct tntactggc acgcaggaga 120
ttattgcggn gggaannggg tcnnnccccc cttacttgca taacnggtgg nacaacaaac 180
nnaatttgca gccttgatng ctcgnaaaaa ctanntaanc ntaactaact ttaangnngg 240
nngctttttac accttttgtt attctctctg acctccgagn gatagccagg tcaattctga 300

atttccccaataaaaccatt cctttcacca g

331

<210> 161

<211> 331

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(331)

<223> n = A,T,C or G

<400> 161

```
ctttttccct gccttnngna tgctgtggag ggagacccaa aaagaaccat gccggatctc 60
ctactactgg gcctgattgg ggccctgcac nctgctgnng ctgctgacnc tgctggcctt 120
tgctgngtat ncaggactgc tgacnngnng gacancnacc gctggatcac cccnngngng 180
gaacataact gtggcctaca agttccacgt ggggtcctat ggtgacnctg ggcacnnttt 240
cacanagagc ngcagnanct ctcccaagct ncnncnncatc actgnctact atgacaaccc 300
ccatacggcc ncctcctgac aaatgccggt g 331
```

<210> 162

<211> 328

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(328)

<223> n = A,T,C or G

<400> 162

```
gggggacagt ccctgaggaa aaacaaatgc ttacactgcc ccangcctga cgtgcngcta 60
cagctcntac accnacacca ncnccancgn cactgnantn ttcacacttc cttcctcaca 120
gaagacntgc angagtcaac acgaaatggc cagtggctaa nacggccctg ggtgtggtac 180
gttagtgac agctctccca ctacagcaggc cgaggcaggg cataaccact ggattctgga 240
gacagctccc ggacttcagt ctacagctttg gtacttacta gctgtgagac actgaataat 300
aaacttcttt gtgcctcaaa aaaaaaaaa 328
```

<210> 163

<211> 324

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 163

```
tacgacaaac ctcacgcgg aaaaggtgag gctaanatga gcattaccag cgacgaggtg 60
aactttctgg tatatagcta cctccaggaa tcagggtttt cccactctgc cttcacgntg 120
gggatcgaaa gtcacattng ccagtccaac atnaatggta cactanngcc accngctgcc 180
ctaatntcca ttcttcanaa aggactgcag tatgtggagg cgganancaa catcaacgag 240
gatggcacng tatttgatgg gcgtccnatt gagtccttat cgntaattga tgctgcgatg 300
cccagatgtg gtacaagaca atac 324
```

<210> 164
<211> 324
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 164
taactgtggc tgccttccet gnagtgggna tgtcaccctg ttcagtgtcc gcggnagaat 60
agnnctcaca gcaactaggac cttgtggttg tagcgtccgt gtcttcccac tggggagccc 120
aggtatggag ctgggactgt tcacagcttt tctgtgcgcc acctctgttt ctctgtgcct 180
tttcaatgtc tagttacctc ctctgatcc ccagtgttct tttctttcct cggaatctag 240
cccttctcat ttacacagtg gtaatgggga aaccttgtct tccgttgacac ttctgaagtc 300
tacaacaata tttaaattac ctca 324

<210> 165
<211> 324
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 165
tcgactgcgt ctgtgcttgt aggnattagg agcggagagt cagcatctct acgggatggg 60
gttttcaata actctttaag gtgtaattat gttaagagct tcggactctg acacatcact 120
agggtctggaa gactgaatct ctacgagaca catttcagcg ttcaagcaag atggaaagaa 180
cagtcttaaa tacgaatcgg cttttgttct ggggngggga tctctttttg tctttcctag 240
ccgcacagcc catgctttct gatacgagct gttttcgcta gtgttccggt gcagaccaga 300
gaataaacca cacggctgtt tggt 324

<210> 166
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 166
acctgagggtg ggggtgcttta cctgggcatn ccctggggag atcgcagtgc ctggaccctc 60
ctncaacagc naggaacaag tattgcngtt nttcanagtc ctacagtgtc gagaatcccc 120
ncagangaac tccttcgtnn gcggccatat gaggtgcgaa cagcctgtcn ttgtnatcag 180
aggccccaga cntccgccga cttcattcct tntacatcag atttcnaagc tgtnngnntg 240
ggtnananac acaancctgn attntgacnc caantgctca ataantaccn agttcacgtn 300
tgactggcaa agcactgctt gg 322

<210> 167
<211> 322

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 167
ggcccaccct tgcctggtn c gtantgcaga cagcgccaga catgcanaca catattccta 60
tccatttagg taagtccaaa tcaccatttg cagntcgcag gcntattttg gnaaccagtg 120
cnggtggact atnnnctttt tnaagctgcc acaaatataa tgggaagcgg tngnccgaga 180
ntgggttctc ttggcanang ggcn gcatcn ngntgntgcc aacattgnct ccncacctat 240
gancttgna agnctaaca tttggaaggc taatgcagaa ggaangctgc tagacaaagc 300
tagactggcc tgaagcttga aa 322

<210> 168
<211> 321
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 168
gctaaggact ggaacgcctt nactagggct gcagcaacgc agtacnatng agtanacnag 60
nattacttcg gggagtgtag gnntatcctt tgtcaacaaa nttggnggga tgctgtctca 120
gtncgctttt agntcnttnc acagagggaa aaggggncct tttacatatt annnnttg 180
tacgactgc actncaaggg aaggaaaana ngaagggttn nggaacncag ggagnnntac 240
aagggggnag agaacggggc cgggatggna ggaagaggna ggcgaggct tangggtgta 300
caaagggctt gcaccccgag g 321

<210> 169
<211> 320
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 169
gatgtttgac aggttctgcn gtactgccct caaanntca gctgtggact gccanggtgc 60
gcatccctca tgtatgactt ttgcggccan tgcagcgaca gtcacagcag agatgaggaa 120
aattgagtca tcagagcaca gccgtgcaca cagggtacca gacaaagtga ggctgttctg 180
ctccgtactg gagacaagta cccctttatt tctactgnac tttgtccttt ctttcttctg 240
tgcttttggg tgataattat ggggattttg gtttggttng gtttttgggt gattgaaccn 300
ggacctcata aaaaaaataa 320

<210> 170
<211> 319
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = A,T,C or G

<400> 170
 aagaagaacc agcaggggcc cctgnacttt cccgaanaac ttgggggctgg antcattccc 60
 tggagtcatc tccaggatna ngcntgcact atatnagtgc aaangntgaa ggcaactttca 120
 acangtcagc agctacttttg ggatgtggcg ggaagtggan cacttttgga tcanatnaca 180
 cactancatg nggacagcca agggcaagcc tagggnccttg aggaaaacan cncctccac 240
 aaangttaca aagcgcanac agtctaaaat acatgctcac ggtgggctagg ggcanagctc 300
 anatgcccag tgtgcatgc 319

<210> 171
 <211> 318
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(318)
 <223> n = A,T,C or G

<400> 171
 tgaggtgggg tctttnaatg gtgtgttggt gaggaggtgg aggtgcttca gggagcagcc 60
 gagacactga gctacacctt gcctagagga tgcaggagga acagccatcg aggaccatgg 120
 tgagcctgga tgtgtggagc tgtgggagcc atnatgaggg ctttggntct gacctgaggt 180
 ggggattccc cttaaattatt ctgggggtgta ttttggagta taaattgggt agtgcntttt 240
 ttttaattnc taatttgn gn agagaacana natgaacnac agangattca gagactccac 300
 aacctcaagg gctaataa 318

<210> 172
 <211> 314
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(314)
 <223> n = A,T,C or G

<400> 172
 tttggcaaac actcgccgc cctgctgtct tgtcctgcag anctctaaaa acaaggncgg 60
 tgctcctgtg cttancctnc tctangcagt cagaatgaag antgcttccct cttgtnttca 120
 cagctgnatt gctgaaccac ctctctctgt tggctgagtg ttcattgacac ctcttccctga 180
 agcaggttag aagcttgnac cctgtgtcat ggaagctttg gaagtagatn acatcagccc 240
 cgccttagag gntactgagg atttcttttag tacttttgac agtaagctgg aaaaggctgt 300
 ccaacaagca gagg 314

<210> 173
 <211> 314
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(314)
<223> n = A,T,C or G

<400> 173
gaggatagca cagcttttcct anccctaccc cnagcctnat aaacctagnc ttgctcnng 60
ctgctatctt acctgcanna tncnactct gcnacgcca ctgctggga cctgaatgca 120
gtcctcacta cgacgcacct ttctactggt acctacatt atgtacggng ggaantcaac 180
gcgcccntcc ccnttttcctt tcttaantgg tgtgaggna atantaactn tncctngccn 240
nganctaaca aananaggaa cctttgcttc ccgtagtggt gggaattaca ggagttagct 300
gccaaaaaaa aaaa 314

<210> 174
<211> 313
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 174
ttccagagag gaagaaacgt catcctcctc cttttctaga tgaggacacc tgaggcacag 60
aggagtgtt tgtctgactt gtactgacgc catgtagcac agcaaagggt catcgtagt 120
tggcaaaggg cacacctact gccagacct gcttctaagn gagtactgt tgtgtgctaa 180
agnntttata tacacacact ntgngcgtgt ntgtgtgttn ntgtgngtat gtgttaaata 240
cttatacatt gngntgnaca tacagngann ataactttgg aaggaaaaan ataatatgcc 300
ccattctcct ttc 313

<210> 175
<211> 313
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 175
agccccaaa gaagagggaa cccggtccct gcggtttcag gtaaccagga cccagcang 60
ttgtaaacag gtcttttctt tgattatcca gactcagcac cgagctagcc ttcttgctgt 120
ggcccgtttt attggagaga agcctataac gtctgttaag acaggaactt ccagnaaagg 180
ggcctaanga natatccagc cagagccanc tgangnganc aggtgagcca gganacggag 240
ccctggaccc agctgtgagc cacacacatn taccctgect tctgttgana aataaagggt 300
gtgcctcctt cct 313

<210> 176
<211> 310
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(310)
<223> n = A,T,C or G

<400> 176
cctgttcacc ttctgttgct nancctnct cctaaccaca actgggactt gtctgggtgta 60
tnctgtgcag gtnattttgta nnatggnatg ggagctgccg ctgcctgcta acttgtgcaa 120
atggaactgc tgtattttcc agccaacaca gnacaggaag ttcctnccaa acaacctttg 180
tcaaataagg cccacttacc cctgtnatac ctttctttta taactaccgc tgggtgggtag 240
tgggttacaa gggaaggnta aagtgtttta gtacccatca ttaaaaatag gtatttgtaa 300
aaaaaataaa 310

<210> 177
<211> 309
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(309)
<223> n = A,T,C or G

<400> 177
ggctgctttg tttctttatg aggctccaag gagttaagag tgaagatgct gcaggtgact 60
aagaagggct gaggtcccaa ggagttaaga gtgaagatgc tgcaggtgac taagaaggac 120
tgaggtcca aggagttaag agtgaagatg ctgctgtgac taaaagggc tgaggtcca 180
aggagttaag agtgaagatg ctgctgtgac taanaaggac tgaggtcca aatggaccag 240
ctttaccttg aggatgagaa aaggaggat ggcctcgcct tnggccctct tccactatgc 300
ctgtccct 309

<210> 178
<211> 308
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 178
tgcctgggtg cttagtgnac ctgcggttca ttngcnttat cccattactg cantccanag 60
gcacttttgt gtngtttccg gttggtaact ncctgtgaac agaacagacn aggcaacatg 120
gcctggagac anaaaggcna ccctgggcag tcatgtggca acacactgga aattcaacag 180
ctgctgagct ccgttactgn acccagctg tgacgacaaa gcaggcatgc tctacagggt 240
caatgctana ctggacctca taatgagacc ctttctccat gataaaaaaa atatgttaat 300
caggtaaa 308

<210> 179
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 179
atgcagccag cccgttttcc tccagcacc angcctetca tctcangaag gagtggagat 60

gacacaggac aagtanctag acattttttgt gtaagctgca ggccatttac gttgcagata 120
cacactcatt acaagccant tcncaaaaggt tccaagactc ctatttttggg agctgttctc 180
aaccagtagt gataaaacttc tgggtgggata gaaagaggat ccattcttcaa acctcaagtc 240
ttcctggatg ggaactgggg ggaatgtctt cttgtaccat taaagttttt ttgttttgtt 300
tttatac 307

<210> 180

<211> 307

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(307)

<223> n = A,T,C or G

<400> 180

aacttcctgc tgctgnatgt tgaaggcactn tgcacgatgg ccacanttaa ggaanggcna 60
accagcanct atcngtaaaaa nggnccatcc agctagcggg tattnnacna cnanagtcac 120
atcgangaan agatgggggtg gctctttact tngaagancc gcactgggtca tactaaacat 180
taaaggngag atganaaggc tctgntatca cagggtccant ggcaaaggag ngtgcatact 240
tgaggcccat gaattgcatn caacncaggc ancattgcnt gacttctcca tgggtattgt 300
aaaatat 307

<210> 181

<211> 307

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(307)

<223> n = A,T,C or G

<400> 181

gagtgggggc ctttgcagng tctgncttcg cgangccctt ctgaagggcc actgtaccca 60
gggggacgcc atgcccggta cgcattccgt gggggatttc tgcgtggcag gttggcangn 120
aatgtaattc atggnaagctg actcgggtga aagtgtcac agganaantn gctcttttgt 180
tccgtgangc cnngettcctn tgntgntagn acancnccgn gacattggct atatgantag 240
atnntatngg gggnaacatt nccagatctn aagggtngat ctcttctgtg atgatgacaa 300
acagcag 307

<210> 182

<211> 302

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(302)

<223> n = A,T,C or G

<400> 182

caaggcccat cactgaaggg caaaaccggn cccacccgcc tnacatacat cagagcattg 60
ttcctgagtt tccnggatcc ccncacntac ntnanaantt cgacataccg anagccattg 120
tntgactacc ataantcttg gggagaaggc cgnatctcag aggactaaga cgtggagcga 180

gcactcaccc gcttcatggc cannacangc gagacccaga gttttttcan ggatgatgtc 240
 ancacttttn cctttgatnt gctgccagna ccgntcactc atncccctac ctcacggcct 300
 tg 302

<210> 183
 <211> 302
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(302)
 <223> n = A,T,C or G

<400> 183
 agatgtgatg ttacactngt gcaacagacg nancatacaa agcccatgca nttaccaana 60
 tccatggacc actncactga tgtaccasaan cctaaaaggc atccattacc tccaccetta 120
 cngtgtgctc cacaggggtac ctgannccat catntattct atatatggga gaaggtcntn 180
 ancgggngag agntaaaagg gncenncccta tgtacctggn agaaccnaag ggaangcggn 240
 gngcccnctn aacttggnngc cttgccaatg ctcatatcct atatgccctt tctcaatagg 300
 ac 302

<210> 184
 <211> 302
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(302)
 <223> n = A,T,C or G

<400> 184
 tttaacagtg ggtagcaaaa caannccgga aatgcagcan tatggtagag agctccgggc 60
 ctgagaagca gctgccatgg gaggttgagg tagtacaagg caccacactg tggctntccc 120
 ctgcctaact aatggancct cccactgag gtctacaaag cctncaactt cattaagcga 180
 gtctgnacaa gtctactcat tcttnattgc acctctcttt gaaggcacca gcgaccgtc 240
 cggggagnca gatatccacg gcctcttctg tttggctnag ggattaatta caccttttag 300
 ac 302

<210> 185
 <211> 302
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(302)
 <223> n = A,T,C or G

<400> 185
 gccgcaccaa gttggcttct ggnaatatac agcaaggaat atgatcagta tatttgctcc 60
 taaggaaaaa acaaaaggaa ggtncaggna acaagtgcac aagggtgcgc accacattgt 120
 agnggccttc aattcttcac ctgcagaatt tactgtatct tcagaagaac aattacttca 180
 gtgggatttt gccttctcag gcgtttttgt tttgnctttt ctcattcctt cttgcacagn 240
 tcctgcctctg tgtaggttat tcagaaaagta ataaataaat ctaggtatca tgaaaaaaaa 300

aa

302

<210> 186

<211> 301

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(301)

<223> n = A,T,C or G

<400> 186

```
tcctgcctta ctatcttntn ccctgtgnaa tgggactggc ncccaggacn acagcatggc 60
atgagttatc aactgngggc tctgtcttgt gggactggna gtgaagttga ttctgacttt 120
cttgaatgaa gagaaacagn ctgataactg ttacttgctt tgggtgtggac caagatctgt 180
attaacctct ctgtattttt taatatgtat atcgagcaat aactatcttt cctcactcgt 240
ggctgccttn ctgcacagct tcagtgtgaa gcagatgtga agagggagtt aaaaaaaaaa 300
a 301
```

<210> 187

<211> 300

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 187

```
cacttctctc cagaagactg ngattatnag acatacacca antgtgctga ggactgaacc 60
caagatttcc tgtgtgtaca canccaggcn aggnnancct cctaccagca acgtnttttt 120
ntgcttttgc tggtgnaaan cctacgttnc ctgccancca gactacagnt cnagcngtcc 180
tggnccttgn actcaaagat ctgcctgcct ntggctactg actaggaatg agntcttaan 240
aaannctttg cccnatggg gtcttgtang actagacacc catagcttat ttagcaagag 300
```

<210> 188

<211> 300

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 188

```
tgttttagat acacttctga ggtagttcng ggcaaaggca gctactgtgg gctgntaaag 60
tacancnacb naggaggcac aaccggcnaa gngtctaang ctctatnata tngcagacta 120
tcgngtncat tcaaaaacac cttttcntgt actatctgat ctngcaattn ctttttttaa 180
aaactctgtg ancacattnn tagaatggct tttgccaggt ctgctantga aaatgtnecc 240
atctcanctt antcttaaaa ncctagggga tcgtananta nccagagtct tatgaagcct 300
```

<210> 189
 <211> 299
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

<400> 189
 gagtgggtctt cttccancac accctggctn nctaacctgc ttntggcttg nctggccctt 60
 taccatgctt ctgtnnctc agtaanccct cacntcactt catggaantc gcatngagtt 120
 cctgcacagt cgtgaacctt ctctgtacaa gtggccact ngaacttttc accatgtggg 180
 ngacacatgg ngatcctcgc tnacctctcc cttggctana canntnttag gacgcacat 240
 cactacgna cncctaataa cactctgctg ngggaatgtg taaaagtga aaaaaaaaa 299

<210> 190
 <211> 298
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 190
 aacagtaatt cttccatggc tcaacggaaa ncatncttag nacacccttg cgggggtttga 60
 gncaatgaag gctacaaggc attgcctttc ccagaacatt nccttnctt gcnaaaaagg 120
 gcnantatt tcggtantcc tnntancngg naggggtgtnn cnacctngtt ccttacant 180
 ggnttgacgg ncaggatggg aancangaaa acttacaccc tgcggggccc catancagnt 240
 ttcttagagn ggaagaatgc cttttgggat tngttggtt tgtttttgtg actaaatg 298

<210> 191
 <211> 293
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 191
 ttactaacga gcctaccacc aattntagga aaatngngac ctgngcaacn tncctntgac 60
 tctaccgtnc tcaactgttn ttgaagatct ccattctcta actaccagng tgcacaggac 120
 tactactcat gtaacgtcgt gtcccancga tgcaaaggaa ctgaaatctc aagctgnaaa 180
 agcctgcntt attttgataa tagcacaata gaattctaga tnggggggnc aaacgganac 240
 gaatgangac tttaaaagaa acaaaccatn catccaagat tgagaaaaac tat 293

<210> 192
 <211> 292
 <212> DNA
 <213> Mus musculus

206270" 6900900T 10060069 012902

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 192
 acgatgcaca gtgtctaaac ggccagagca tctggcccn tgtccancg gtatttttga 60
 tatccantct gacatgaggt ccatgaaatc actttgttnt gtgantngnn anactgggnt 120
 agnnnaattt ctattcttat nataggnatn cgagcaaact gagaggtatt tgtntngcac 180
 angagntgng gngtgtgccca ggccctgggcg tccctccatt atttaaacga tgagngtgtg 240
 gggctgacnt ncngcaccgg aagcactntt ctggaaccag attatcttaa ga 292

<210> 193
 <211> 290
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 193
 ttggtcatat ttatggaagn gaccatttt tctgaccttc ttanctnaag cggngctgcct 60
 ctttttatac tggcaattaa ttcataataa actttgtntc taccatantt nacngtngan 120
 gggngntggg tnaactgcat atcgccctgt ctttctatgg agatttactc tatccagact 180
 taaaagttga caggctcaca tgggcatttg ctaggcaaca agaacttgcc ctattcacia 240
 tttatatgat ttccactgcg cttgcaatga aaataaatgc tgagtagaaa 290

<210> 194
 <211> 289
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 194
 attccgaagt ttatcttgaa ggaaanacag ctggacaagc agaggaactt ctgtctttcg 60
 gccacatcaa ganccctccc caacanctn cccggcagcc agcataaact ccttggccca 120
 agcccaggaa gcatcaggca tgtgtatgaa gctcatggct gctccattca aactattcac 180
 tacacacgta gcccagacg cccggccccc aagtctccct gtctgcctgc cagtttctaa 240
 aggtgacagt aatgaagctg taatggatgg gttttcacta aaaaaaaaaa 289

<210> 195
 <211> 288
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

```
<400> 195
tctacttttac ttgctggcna gctcttgcta cntggtcggc accngtnagn ctannggnct 60
nantgntccc anaatcatac acaagaattt nnnngnaacc tcgcagagga ctgcagaccn 120
cantgagaat acactttata cncagtggtt ctacagtggc cagactagga gaccaactat 180
gcactancag actccctata gttaggatga ggtgngaaga ataagtctat acatccgtag 240
ttaatcaaga catcactaaa tgggangggg ggaataaaac taaaaaaa 288
```

```
<210> 196
<211> 287
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G
```

```
<400> 196
agacacaaaa tgtaaagagg gcgggtcccc cgttcttaag gaagcactgc aagaaattga 60
atcggaccct gaacacttcc cacgtcaaag ccaccgagag gcagaggtgc gacccgagaa 120
atcactggca cggactgtcg gcgctgggct ccggatgcgc actcagccct ctgaaaggct 180
cggacattgc agtaccacta gacccggggtt tgtcccggcg tcggaggcgc ggccgggccc 240
cgccacgca ccaaagcggn tgcgcagcgt ggctacaaa aaaaaaa 287
```

```
<210> 197
<211> 286
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G
```

```
<400> 197
ccgaaactgt tgaagggaga tgnngnctg nctatgnaaa agntctncna atgctganac 60
tntcccaaaa naagatngnt tnatagctct nannccttta ncctacaaat gacttatagc 120
agatatatga ngcgccatca tgaccacccc ttggcagctt aaangnggnc antatgcatn 180
ntgtgcatta caggcaaaac ctaccttatt aaattcatgt tcctatcgtg agtgcagact 240
ggttcctcaa agtcattgtt cagnctgtca ataaaatttt cctagt 286
```

```
<210> 198
<211> 285
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G
```

```
<400> 198
agctggggttt ggtgctgagg tagtaccctg ggccagcagc cataattact tcttgtggaa 60
ctctcaaggt cggnacaggc aataanctna cgnnactana aaaacacggg acgcacggac 120
gnactccnct tgnactggac ggacngaact tcacaagggg nncgtgttcc cctgnccgtt 180
cnttcatnag tnatnntcac ggaggaagga gcacgcctng ggnctgact gcgtacagac 240
```


anggggnggc tcaataaaaat tgcagttgaa atggaaaaaa aaaaa 285

<210> 199
 <211> 285
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 199
 attctaggtg atgtgtcttt ttcctccctg aatttggant atggcaggct tnaggnaaca 60
 gaatgangat tgacaatgac tacaccaact atnatttata ttctagcttg gtacacaata 120
 ngaacatata gnatggatan gtgatnatac nactanacct ataaactnat aaaatgttac 180
 aaatgggatg aagcttacaa atgtggcttg acttgctcact gtgcttggtt tagttatgtg 240
 aaagtttggc aataaaccta tgccttaaat agtcaaaaaa aaaaa 285

<210> 200
 <211> 283
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 200
 gggggcagca ccccccccaa naagnccaag ttntattttc caggccggta ccaggggatt 60
 taaggggtnt nggggcttgg aaaaaaatcc ctgggggggtt tttggaaana ntggtttcca 120
 agggncccaa gntttnaaaa actttttttt gatccccnna agnncccnct ttttttttgg 180
 gggggganggg gggggggggg nggggttttt aaatttcccc cggttttntt tttggccntt 240
 ttttttaaan gccccctggg ggaanttttt tttttcccc ctt 283

<210> 201
 <211> 283
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 201
 tgctgcacca atatggtggc tcacacttta tacttctgca gcactcaagg aggatgggca 60
 acggtaatg ctgacccgag aggnacagcc tcgccgtgag ttccagggtg agtacngnna 120
 nactgctggt tcatncaag aanaaaacttg gcangagcng gntttncaat nggcnttgng 180
 ntcncttac angngcantn acncagaana agngnactaa cagggtnagc ngattcaagg 240
 ngcagttgga tatntatgcy aggggtgagg ctaacctcgg gct 283

<210> 202
 <211> 282
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(282)

<223> n = A,T,C or G

<400> 202

```

ggacaacatt ggcctgcagn aanaaatagg catgggcaag gctgacatga actgtgctct 60
gagacaggct tcaactctgca gcccccatgt gctgggatca caggcatgaa ccaccaggcc 120
gtgcacctgt aagtcttcat tgtgcaaaaag attgacagat ctcccacttg ttctccagta 180
gcacctttgc cacaatcctt ctgttcaagt ggggtgcacag ggagatgata tctacacana 240
anccatgcag tggagggnagt cctaggtgct tgccatgcac ag 282

```

<210> 203

<211> 282

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(282)

<223> n = A,T,C or G

<400> 203

```

gcaccatgga acccttttgc aaaggtacac acttncctaa gcacacctgt ttggcattct 60
gcngcaangt tgcgccaggc aaaaggacac taattttctc ctaannnctc tccagagtgc 120
aaagaaaccc agctccttca atggcaccca caggaanttt gccacagggt ngncgagcan 180
ctgntacctg acgatggctc atgtaacgaa atctatgcag aaaggctntg aggagaaaaa 240
acattntata atggcgcctt ctgaaaataa aacgttccaa aa 282

```

<210> 204

<211> 281

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(281)

<223> n = A,T,C or G

<400> 204

```

tcgcctcctt actgggngct tacaccaccc tctatctgag anaaatantc gncgtgcttat 60
gacatttatg taantanaan tacacatnct tttgattacc aagaaagnca tnaaaaagca 120
caacgagggc gggggggggn gggnnactn tattnngtac gnnnacgttc ntttanaaaa 180
aggacggnat agggngcagg gacgctttna tcngatngca gnnacgcact ttgattgctc 240
gggccctcct agagcatgta ggtagaaaag ggcttggcgt a 281

```

<210> 205

<211> 280

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(280)

<223> n = A,T,C or G

<400> 205

```
gaaacaggat aagtagtaca aatgcggnag ccaaccgaag gtgggntagg cactgtctgn 60
tgttgaaaca cannacaccc aagcccanta nactgncatc ccgggaagaa ggctgcttnc 120
tcttggtctg cgtcctgtcc ccctttccaa tgacagcaaa atccttggac tanccttagt 180
tacagctgtt acttagatgg aacccaagtt ttgttttttg tttgtttgtt tgtttcttcc 240
cttctggtaa gaacatggct ttaaaattca aaaaaaaaaa 280
```

<210> 206

<211> 279

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(279)

<223> n = A,T,C or G

<400> 206

```
gatcttgccc ttggacactn aagcagtagt ncagcattgg cactgnangc tatggatttc 60
tgngctctgt ggnggataac nctccacaca catgtgtanc acaagacacc tggncnanc 120
cagccttccc tgggtngcca aattatgngt cccatgtcng cagtcntga ctgnttctgn 180
ncctgtccnc aggctnnggn cagagacatg cntgaaata tgtactngg acacgggtac 240
aggngtgcca cgcaatanat ntttgtcaaa gtctaaaaa 279
```

<210> 207

<211> 277

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 207

```
cccgtgctgc agtgtgtagc tgtagctcac atgnaactcc tggtgatact gccatagcct 60
cttagagtca gggtcacagg tatgtttggc cacacctgac tgaggagaga atattccaga 120
cacagtcaca gacacgctag catcggaact ggtggaccaa tggacactag catcttctta 180
tttgaattt cattttctgt agttcaagtg tacctaanca acagcattcc aaaacgatta 240
catggcaaat tcttggaata aaactccata agcttta 277
```

<210> 208

<211> 269

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(269)

<223> n = A,T,C or G

<400> 208

```
accatggatg aaaaagtanc ttcatgtggc ctgangccng gtacantgac cgnactact 60
nagctgntga ctggctagct nttnancana gactacnca aatttaaate tactgccagc 120
```

tagaacttct gtnacggctc tttatgtcag ccagangaaa gngngcattc cccctggcag 180
ctcttgattc tgaatctgtt actacattta aaaaantggt gtnaatagat ataatcaaac 240
agaacaaaaan actacttggc ataatgggt 269

<210> 209
<211> 267
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 209
tgaggggagc cttttcttgg aggatctacg ctgggtgttt gtctctggag cccggggatg 60
caacaaagcc ttgagaggca nttcctgagt cgattgcgca gtcttctgaa gaacccaatc 120
ttcanagtgg gagatgatgt ttccacggca acgtcttcct cagggattct aagatcttat 180
tggcatcaaa ccccatgcca cagagcatgt ctatgatggg gtaatctggg aagctatcag 240
tcggaacagt tacatcacat tttctga 267

<210> 210
<211> 267
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 210
tgtgcacagg gggaggaagt atacnatcha ctgcgaccaa cttaagcact caatgattac 60
atgcagagag gccnccacgg cnattagaag ggctttgggt cacacagact gtacagtcac 120
ttcctnaagn agggttattg nttctgcaaa tgagggnaga gggaanggag gnatgcatgt 180
gtactacctt gcanaagcca nactgtcttt ttcgcttctg ctgngaaaca ncctttgngt 240
gcccacttg natgctcatg ggaaaaa 267

<210> 211
<211> 266
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 211
gcctcctaca cttgctgggt ttncncccn atgaganggg gcttcgctaa cccatgaacc 60
catcattgga ccaatcattg atgatgtttc agtccttagg gtgtgctccc tgccacagg 120
tcccactgaa cactgccgct caggggacaa aaggctccgt gaacgtatag ggtatattta 180
agangctgtc ttagngtcgc tactgctgng ataaaacacc atggccaaag aagcatgggg 240
aataaaggac ttacttggtt taaaaa 266

<210> 212

<211> 262
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 212
 tactgtaaca gtatactttn tacagaantn acnnttattt gaaaaaatga antactacca 60
 ggcgcagggn actgaaacan nnaaaggtag gacttgctcc aattgnganc cgatttgact 120
 atgcncaggg cngttaaaact aantatggac canctactag naccataata ctgnggatgc 180
 cttcggagag gnaccggatt ntttncctgc tgcccantgc aaanagntag acacnctaac 240
 tctggagcaa aagctcttca gc 262

<210> 213
 <211> 262
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 213
 ggggtttgggg ctgtggtata gcctggggca tgngccatan ttacttgctt gtgggaantc 60
 tcaattgncg gacagtgtaa nnatggagtg ggtncataaa aaaagtctaa aaaaagnatg 120
 gaatttctgn gggggagtg gannctggnc gtggnnnaat aaactncgct tantggtaga 180
 canggaangg nnnngnacct ctgntgggaa gatacatgtt cccagaaaca ggcaggacna 240
 gggggggttac atgggaagct ca 262

<210> 214
 <211> 261
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 214
 acctgaggtg aggcgcaacn tnttgggtggc cggcacaggg aacccaaggt atcttgngga 60
 ttcagaactc ttntctgagg aacggcggta ccggttagtt ctcccaaatt gancccggn 120
 aacaagggag gnatatgttn ttcttgcccc nntaccnnt gggggtagct ctacagcgtt 180
 tttgtttcgt ttttttgtna ttcctgacct ctgcttttgt ttgataagaa gcnagctcan 240
 gcgcggctca aaaaaattct c 261

<210> 215
 <211> 261
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(261)
 <223> n = A,T,C or G

<400> 215
 atagcttccc tacacgtcaa ggtcnaactg tgctaggctc accgccncac tnccacgcct 60
 aancagtctt gaacttgatg aacacaggna naaaacaggg ttntctctgta ccanggggtga 120
 ctgtactgaa actcgatcca tagaccaggc tggcctggaa atnacannga tctgcctgcc 180
 tttgcctnct gagttcctga gtgctgggat tgcctcctgt gcaccatcac gccagccta 240
 aataaatctt aaaaaaaaaa a 261

<210> 216
 <211> 259
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(259)
 <223> n = A,T,C or G

<400> 216
 ccggcgcctg tctttcagca gcagtnnatt tgccatnnaa gcacacgagg ngactnccgg 60
 nagttntcca gaccccgag aatgtatnac tctcctgnaa agacgcaaag gcctttctga 120
 ctggccatat gaataaggca ntgnatctnc ncagnaagcn gtaagnngtg gttctcttac 180
 aaaagtaaca ntnctnacca aaagtnactt ttccaaaaag aagtatgnat tcattattaa 240
 agttgttcag aagggaaga 259

<210> 217
 <211> 259
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(259)
 <223> n = A,T,C or G

<400> 217
 ctgacgtgca aggaaacaga cacgtgcnan ntcccngtgt ggccacactt ttgcacacgg 60
 ncgtccatgt ccgatgatgg agtccnatgc tntcgggacc atcctncacn cagttactgn 120
 acagccgggg caataaccgg caattaatcc agtncccttg tgacccttgn ctgtgnccac 180
 atttntagga gngnggnctg cgggtgggcca tgccccgaca ccacaacatg cactacaanc 240
 tgnngacaag gagacagtt 259

<210> 218
 <211> 258
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(258)
 <223> n = A,T,C or G

<400> 218

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gcttcagatc tcagaagaac ttctaattgat gagngaaaac acaacaatta ctaatagagg 60
ccgtgccggg ctctntgttn tccctggnan cnacactaac annagccacc tngnaantga 120
tgcccttggg nggntccang tganctgnga cggaacaaaa tcatcngctg ttgccagggtg 180
tgaagtcnag gttntagcta ntatnaacac ttagnctggc ttnacgctag gccttaaaat 240
ccagctgata tgcctcgg                                     258
```

<210> 219

<211> 258

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(258)

<223> n = A,T,C or G

<400> 219

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agcttgacaca acaccttccc gcaccctcac aagaagtagt ccttgggtaa agcaggctcc 60
cagggtcttc tgatattctg gggctcctag tggccccagc ctgttccttg aagcttcctg 120
tcccatttcc agactccaga gtgaacactt cctccttggg tctagctggt taagccacat 180
ataccatgag gcaccattcc agccatcact gtatttacag ntgtttggtc atcattacac 240
atttccaaaa caaaaaaa                                     258
```

<210> 220

<211> 257

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(257)

<223> n = A,T,C or G

<400> 220

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acctgagggc acccgngta ggggtgggctg ccctacang cactnngtgca gggttggttt 60
cccttggttag tgacccttaa gcagaaggca tgggtgggta cccnggctnt gtaanaagga 120
aaagaatgag tangtncaaa aggacngnac cctgagcttg gagnggntt acngncccaa 180
nttgtaagag ggnccacctg gaggttgga agtcccggn cactagtagat actcaaataa 240
ataattttta aaaacag                                     257
```

<210> 221

<211> 255

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(255)

<223> n = A,T,C or G

<400> 221

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acctgaggaa gtaataanag gcattantac taaggctatc tggaggagca cggggcaaatt 60
gaaacatact aggtaaagga cgggattggt acaacaagga cagtangtnc caagcangca 120
tagncaattg gncaagtgtt accccaacc tccanctctt ctctgctgcc ctctataggc 180
agaagtggca aatggtcttt atgtggtccc aatgcaatca aaaattaaag ctggcctttg 240
ttggaaaaaa aaaaaa                                     255
```

<210> 222
 <211> 255
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 222
 tccgctgctg gggctctccan gaggnaaacc ctgtantgag gtcacaggct tgacttaaag 60
 aacattagag gcatttccag gcaaccctgg gatgngcagt attagacgct gnacctaann 120
 gngaacctac cnaacttanen ctgnncagta cagnnanggn cagtganctg gncttcaaac 180
 aaaccantct cctgtaagcc ctaatctnac ctgtttaccc nntgaancac actgaaactt 240
 tactgctatg cactt 255

<210> 223
 <211> 254
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(254)
 <223> n = A,T,C or G

<400> 223
 gtcaaccata ctgcagatga aggtcctacg ctagaagggt ctgcncangg acaggcagag 60
 ncccttccag atctgaanac tatncannca gctagcacca ggcctacncc aggggacaag 120
 acctagtaat gaagagacca nggctccctg ttntatcaca tngcgcgatt ctcattgctt 180
 ctcaaccttg gctgcctgga agaaccttat ctntacatag catacancca ntgagtctac 240
 actaggacaa ggca 254

<210> 224
 <211> 253
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(253)
 <223> n = A,T,C or G

<400> 224
 ggcatatgct tgaagtctat ggcacatgct accacgtncg accgaangac aggatgancn 60
 gagggccctg cagnaccact gcnaatgtgc aatgcctctg ggtttcatgg nttttgtntg 120
 nttnnattnt cgnntntaaa gaatttataa gaattnttgc nnttcaaagt ncnannctgt 180
 gaccaacgtg ctnttcttct gggagaacaa gtgcttatca ctaccgagcc ntncctccag 240
 accctcatgg aga 253

<210> 225
 <211> 253
 <212> DNA
 <213> Mus musculus


```

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 225
agccgtttat actaagnccc agtaggcagt accangtact cttcaagnaa tcgtggggag 60
tctggcggct cgctctccat cgcgctcccc cacgggatga tctccagact gccgttcagt 120
cctatgagta actgncaaca ttgnntntgt gttctgcaca tgcaagtttt gaatgatgat 180
ggacatttaa tacctggtat antttcaaac aacgaacgga accnnagggg ggaggatggt 240
ccacctattc aag 253

```

```

<210> 226
<211> 253
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 226
gaggaagac ttgcatggct gctggngct gtggaccttt tgnagcaggg gtacatttgg 60
gaggcacagn agccgggcat ataataaca aggacagcac agnaccggga agaaagactg 120
atgaagaaaa gtaacagcat gtattgaggt aatggggagca cctactggga acacgcggga 180
gaagctagta tcttgaggg aagccaagat gagggagagt ctttttaaaa taatccaaat 240
actgagtaag aaa 253

```

```

<210> 227
<211> 252
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(252)
<223> n = A,T,C or G

```

```

<400> 227
ttactatatc ccaaggtaaa tccagcaccg ggctcttagc tgntactgac tccntacgaa 60
agtgtcata ccntataaca gcagcaagca atactgggca taaatagctt ctcctttgca 120
ttcttcattg nttataacta catanaatcc attgcntgng nnacagnttt nacatcgga 180
tcannctcat tctatgaaaa ctgcactgtg tttntntaga cactaaacac tgacagaact 240
aagagatgct aa 252

```

```

<210> 228
<211> 251
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

```

<400> 228
cctagggaac caactnttgc ctgctnnccct gggcctgtgg gggagccntg ggggtgggtcc 60
atgaggnncc tctgnctgtc ngcanaaggc canctcacca catcaggaag tgggtgggtcc 120
attgcaaatg ctggctcccc agcgngtgga ntntngnaga gtcceaagag ccnctgctga 180
ctgctggaat catgctggnt gccctgctcc gatcctgact gntcagcttg cngagctggg 240
cctgaattac c 251

<210> 229
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 229
tgtagagtct acattgnact ganagcatcg ggaaagctct ctggaccagc atgtgcactt 60
cacctgatgc ttatggaaga cacacagcac acacaggaaa acacctcctc caggattgct 120
ctaggcctca gaggaattgg ccagagcttc gaagcagtgc gggcagggcc ttcctgacat 180
tgtggcatga cttctgcttg ctgccttctc ccataaaaca gtgattcctc cgtagaaagc 240
actcagcag 249

<210> 230
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 230
acctgatgtg ctgagtctgg gaccgcgggt atctccgggc agcctntgct aatgagctct 60
tagcaggaca ggggaggaga cagattccag ctgccccgc atgccagagc accaaccgct 120
ctgttcctta caagcctgcc aggtcccagc tctgcttccc tgaccccatc tgcagtcgca 180
agcaagcccc agccctggag gggctgcacc ctgcaacctt cccacagctg tctccttttg 240
ataaaaaaaaa 249

<210> 231
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 231
gatgacttcc ttgttacgcy gacttgnttg cctnagnggc cttacctgat ttgccctnna 60
ccngtacctn cggtttncag cgcnn cattg gtcaggnatg cagggaaggc gcttnttgt 120
tgctggnaca ctgtaactca ctancctcag gtgntcngct gctgcntcc actccagnca 180
cgcgnggaaa gttttaatcc ctttatttta tttacataaa cattaatttn gtacattaaa 240

aaaaaaa

247

<210> 232

<211> 246

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(246)

<223> n = A,T,C or G

<400> 232

aaggacaggg caatgcaagg cttacaaaat aaaagttaca tggnaatccc aggctcagca 60
acacaagtga gtaacatggg taataatact tcttaacaga agtataaaat gctgggttact 120
aacaaagcta caggggtattg ttgccttttt gtttgcctaa ttcagggttt taaagatctt 180
tggtttgctg tgaatcttat ggtaaaaaac agagagggat tccatgttaa tattgaaaaa 240
aaaaaa 246

<210> 233

<211> 246

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(246)

<223> n = A,T,C or G

<400> 233

cgttttatgc gatagaacgc cctgttttnc ccatgcaagg tncaactctn cgnaanaaan 60
nctcactggg nacaattttg caagtacgag ttgtactgct gacacaggca aatgggnatgc 120
tgnaatacag gcatggnaag ctcaggcagc canaaatcgc aggnangnaa nggcaagcaa 180
ggtaacatga tntcnaacct caaaggggac tttactgana agnccacttc gcgaatcaat 240
aaagag 246

<210> 234

<211> 245

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(245)

<223> n = A,T,C or G

<400> 234

aaaaaggaac actctgtggg gtacgtggng ntcnnggata ccctgggtta ctgagaccct 60
gtgctgaana caagtggagc tggngagang gttcagcagn gnagacacgc tctgnctaan 120
gacccaaggn tgacgccnca gaaccnecat ggtaggagag aantgactct tgcaaggttg 180
ccctctgacc tctccacggn tgtgcagcaa cagagggtac atgagcacac gcgaaattaa 240
tttaa 245

<210> 235

<211> 245

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(245)

<223> n = A,T,C or G

<400> 235

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aatgaaacag ggtatgtgcc actcatnacc atttctncag tctgaagcat gnantctaca 60
tttggagata acaattccaa agtccttgca aactgaanga ctcanagnaa agtggtatga 120
aaaacagctg gncatagatg caggacacaa acnatttgng gcagtgtcct gtaatatctg 180
tggaatgctc tatacagctt caaatccagg aagtatgaan cacagnacct gcttttccac 240
aacca                                             245
```

<210> 236

<211> 245

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(245)

<223> n = A,T,C or G

<400> 236

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gcccttgctt aactgcaaaa cngcangcct gtnggaccnn gctgtcccta accancngga 60
ggncatagnna tacnnatcta tggactgaan cantgtttgg ncnangaang cccttagattg 120
atcnccagca ctgaaaaaaaa aagtntaaaa ctttttctat ctaaaaatat aaaggtttg 180
gactntatat ctcanagctt gctangatgc ataaggctgg ggattcaatc cctattacca 240
ccaaa                                             245
```

<210> 237

<211> 244

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(244)

<223> n = A,T,C or G

<400> 237

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agtttacagc tcttccagtg ttatatattaat gctcgcngca caaggcataa tngggcatgc 60
tatctgtttt gagagngngn attactgagt ancaattggc cgnnatangt ggaaanatca 120
ctgnaggnac aagcgnntat tgagggtggag tatgattatg agnatgacgc anaggccaga 180
aangattgtg ancagaacaa ggggagcgt acctngctgg ntgatgaagt accaatgatg 240
actg                                             244
```

<210> 238

<211> 242

<212> DNA

<213> Mus musculus

<400> 238

```
acctgagggt taagcaccgt tggactctca gaagtacatg cacttccctt tttgtgcac 60
agtagcaagc gataaaagct tcctttcata gttatgagga atcatcaagt tactggctgg 120
```

cagtacacat gcttgaaga gctccagtta ttgcttacia actggaatcc caggggtcca 180
tagccagtaa acaaacaagc cgtcgtatcc atggtaacag cggcttaact tttcaatgca 240
ca 242

<210> 239
<211> 242
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(242)
<223> n = A,T,C or G

<400> 239
agctagggtg gcattcagct gnnnggcttac tgggctgcgg ancctggana atgtaatcna 60
cgtgcactga tgngcaggaa agaacagaac tntggtttca ttcacaaatg acgtnttacc 120
ctcctgccan naggatgncg aattgggtatg gtattgcang ggcaaanaag aagggtgat 180
tacagggtct ggacttttcc ttttagagca aacgaagctt gctctttttt ttttttgcaa 240
aa 242

<210> 240
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 240
ttcagggtc gctctngnt gngcgantag cantgcncag cacccttgac ctgtaacaca 60
ctacgctacg ccacattcct ntacctctgn ggaggnngng ctactgcctg tnaanacann 120
tnganggaac agnaccgang ccgnacctna cactaggtat antaggaacc agaatcaggg 180
tggtggtgca gcgctcgctg gaactagata aaccagctt tcttctgtgc aaaaaaaaaa 240
a 241

<210> 241
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 241
ctactgcact gtcgccgccc ctgcgnacca ggnntggaaa caacctgnet nccgtggaat 60
atccntncan accggcanca atcacanath aacatggnt naaaatacct gcggaactcc 120
gggatcgctt tcttctgtaa ncgnactgct cgttgnetgc tgctctnccg anctnnatta 180
gaacagtttag caangnaggg aaaaaggctt ttgccngat gggattttgg aaaacatttc 240
t 241

<210> 242

<211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 242
 gagtgttggc caagtctgga ccagtgtgtc ctgtctgggt gggctgtggc tgnttctgct 60
 gcccctggct ctgcnccanc tgctgctgnt tctgcccccg ctgctntaga ggtataagaa 120
 agtatgagga ancaaggtag gtanccccag ggagncngna tgnaccacn tgggtatnct 180
 gnccttgtn gattaagtn ctgctcccct ggaaataaag nctttttatg tatcttgca 239

<210> 243
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 243
 agcaggcgcg ccaaccctgg tagtggtatgc agctttgggt actcanaaac ccactgcttt 60
 ctggggagtc ctggaacaaa gnaanttccc actaactgaa caggaggtgt tntatatgaa 120
 ctgtagagcc gctacttaa ctatcttcaa aagcagcttg gnaaacatt atttctaaag 180
 atcaacttta cctaggtaaa ttttttgaag ttgaacattt tctcttattt attaaagtt 239

<210> 244
 <211> 238
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(238)
 <223> n = A,T,C or G

<400> 244
 tgaggcctag aagtaacagc acatgctgac agnctgacac tattnaagca ccctgtggaa 60
 gactgcagct tgggtggaacg gaccctccat ctgccaacca catactccat gacaggatct 120
 ttccacagca tccaactgtg accttgtgct tgtaccatg tcatccagca cagccagagt 180
 ttcttcaact atggattgaa ggtttgata aaattaattt gaaactacaa aaaaaaaaa 238

<210> 245
 <211> 234
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(234)
 <223> n = A,T,C or G

<400> 245
catctgcagt atcccagggg atgcactgaa cagagaacag ttcagcctgg tacgtgcccg 60
cacttcaata caagcaacan aggaaacaag ncatcgtggn ggagactgct tttcctcatn 120
ngattctata ttgacctgaa taaatacnac ttaaatactt gctgaagaag gantngannt 180
gtaatncctt gtngnatgaa ctactgggca ctgcctctgt caacctctcc aatg 234

<210> 246
<211> 234
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 246
agctacacag ggaccaggct gcantttctc ctcnccannt ncaatggcag cccattgcat 60
taagtggaga catnancgan tattgatacc attgaatgtg nggatnggat accctgtgga 120
cgacatgggg accnatatta tgatnangga cacttctgcg gactgactgt gtacagaggt 180
taaanatncn ncatntgnat tgacacctgg gttcaaactc tgcttccgct ctca 234

<210> 247
<211> 233
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(233)
<223> n = A,T,C or G

<400> 247
gattctcctt ttagcctgna aaagtcttcc tgcaataatt ccacatttaa aaatcatata 60
ttcctagaag cactgaaatg ggggctgggtg antatgggnc nccgggtnan agcaccngac 120
tgctctncna aagggccnga gggnatnncc caccaaccac gnggttggtg tcacaangca 180
tttgcagact ngatctgacg gccctcttct gnggtgatct gattacagcc cca 233

<210> 248
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 248
cgggtgtggag ccccgagaang naaggncatg acagaacaat gaggttnccg tgatagtncg 60
ccccgttgnc ntntatattg aggaacangg gatacattnn cttanttnga gggctagctt 120
ttgttgtaat gaacacantt taccctttt tgattttgga ttttaatttt tcttaaaata 180
atgcaaagca tggagaacan tataaacact angaaacaat aaaaagatat tt 232

<210> 249
<211> 231

<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(231)
 <223> n = A,T,C or G

<400> 249
 acaagaaaagg tcgagcagta gcatgnactc angnettaac tagtgcttgc tgntnttccn 60
 naggtacgca cttggnatct gaacactgac atggggggttg ngctgacagc nngcacgtaa 120
 acacatctnt aggtgatcta gacaacacct ttggcctcca nggacatctg cnntnatgtg 180
 tgtacactca tacatagaca aaatacagat ntgtnactaa aaccaaaaaa a 231

<210> 250
 <211> 230
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 250
 cggtttctgga gcaagaaaacg ccctcaggna aggccgaggc aagtggcttc tggaatatac 60
 agaagaatat gatcagaata tttgctccta agtaaaaaaac aaaagcaagg tacaggaaca 120
 agtgcataag gtgcgtcacc acatgtgaag gngccttcnn ttnttcncct gcagaannta 180
 ctgcntnttc ncannacaat tacttcagtg ggattttgcc ttctcaggag 230

<210> 251
 <211> 230
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 251
 agcacacagc taagggcgca nttcnctnta ggggagaacc ttgttttngt tttaaaaagg 60
 gatgcataac nngnggtctc tttacccatc aggnacnaa nnnccccaag gtaacagagg 120
 tgctgaaaca gagcacacag cangggcgca attccctcta gggagccctt gtctcgcttt 180
 gaaaagggat gcattacagg tgggtctctt acccatgcta aaaaaaaaaa 230

<210> 252
 <211> 228
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(228)
 <223> n = A,T,C or G

<400> 252
 aggtgctatc tataatctcta cggccaggct accaccatct tcacgaatcc agctgcacct 60
 gcttgtagac acccttttcag gatgtggcct gtggactgtt gacatccctt cctagatgga 120
 gagactgaca aaggtctttg gaccctcacg tgagtttcca gctgntcctc tcagccattt 180
 gtaggcaatc atgccctaata tgctccttgt ggggtggggg tgggggtg 228

<210> 253
 <211> 228
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(228)
 <223> n = A,T,C or G

<400> 253
 aaaaacttct tctgacactt ggatggggag ctccgtgggc tgccatgcag nacaacaagt 60
 atttctactt tacagggtgct gtataaggct cctccaaga gccttgacgt gcaaaactct 120
 tatttctctg gaattgaaat ttactttgga aaaaaacgta tattcatcct tctcttccta 180
 aaggataggt taaatattta ttaaagacat ttacgggaaa aaaaaaaa 228

<210> 254
 <211> 227
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(227)
 <223> n = A,T,C or G

<400> 254
 acctgaggtg gggctctttac tncaaggagc ggcacaagca ccatcaccac cgcggtcccg 60
 atggtgaccc cggcgccctgc gttccggggc atctcaagca caaggacaag caggaaaacg 120
 gcgaaaaggag cggaggggtg cctctgatca aggcccccaa gagagaaaca gcagatgaaa 180
 atggtaaaaac ccagagagct gatgattttg tcttgaagaa aataata 227

<210> 255
 <211> 224
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(224)
 <223> n = A,T,C or G

<400> 255
 aaatcagcac atgactcnac natgtctatt aagngggaat nntaaagaca aaaagnatgg 60
 gaanctnann ctanggcncn natgagatgc tgnnttctgc ctcaaccctg caagcactgg 120
 ccagttctcc tgaatcctga agaagaggat gattttgatt ttgaacaggg acnatggacn 180
 tcnactatta cancnatggc ccctgggaat attggaccga ctaa 224

<210> 256
 <211> 224

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(224)

<223> n = A,T,C or G

<400> 256

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ggacaggaat gacacagcct tgcacgggct ggnactgntg gttggctctt tectggagca 60
cggnncnagg cngatagtga cacaaacggg nacccttgac ccaccacag aaagctaaca 120
tacanttctg nactgtgctg tgatgccttc aggaagagca cttgacagtg cttaaaactc 180
ctgccaatcc actgttgcat aaataaaagt ggggcctgac cgaa 224
```

<210> 257

<211> 224

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(224)

<223> n = A,T,C or G

<400> 257

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tcaacacccc tgctacacca cccaacttac cctgggtgcat tggnacatgt tctncaagct 60
tcggaacctc tggngggcct gcannagcan cagcagcagc cccatggcag cegtggcctg 120
ttccccccct mnaaaacttna nccccctttt gggcncattc ccaccaann ancangngnc 180
ctggnttcen gcctttttcc ccnacacett tcattttcaa tggg 224
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<210> 258

<211> 222

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(222)

<223> n = A,T,C or G

<400> 258

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cagcaaaaag acagatncac tctgtngacn tcatgcatag nactntcgn gnnccanggcg 60
agatggctct gtagntaag ngcacantgt tggcaagcct gacaacctgg gtattaattc 120
tgnttaätnc acaggggtag acaacagtng tantctgacc ttcacgngtg ctngacaca 180
tgtgtgcccc ccatacaca ataaatgaat gattataaaa ta 222
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<210> 259

<211> 221

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(221)

<223> n = A,T,C or G

<400> 259
 ggggggaaaag aaggaanagn ttttnggggtg gagagagAAC ganaanaccn agnagaggct 60
 agagaggggag cgcctggtaa caagagcagc tggagcggca gcggccggaa agggagcaag 120
 nggagtggga gcgagagcgc angatgtcca atgctggcgc gcgtgtcncc gaggnctnt 180
 ggacggagac gattcncacg gnggaaggag cacgccgaca g 221

<210> 260
 <211> 220
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

<400> 260
 cagcccattct cttaactacc naggggctac ccggtattcn tgtaggaccg gnnnccgggtt 60
 tncatacaac taccactggg aaagaatgtc atnnananac acnctgtata atatngnata 120
 aactcactg taagaactgg aacaanagnt ggaagccagg gggaaatatg gncagtgtat 180
 gttccacagc tgcaatnnat taatacctga aatgtttgag 220

<210> 261
 <211> 219
 <212> DNA
 <213> Mus musculus

<400> 261
 aaagtggaga gttatgtaat ttctaccgag gtcattggtga aatttagctc cttcctgctg 60
 tgcttcagga ctcttgcttc aaagtctccc taggaaggac gatcttagag gatacagatc 120
 atccatatgc ctataaaaagg acaggattat gtaatgttca cttcatgttg cagaacagac 180
 tcctccctcc tctaatttta caagtaaaag taagtacat 219

<210> 262
 <211> 218
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 262
 ccactcatcc cagagacagt agctnttgcc tacctgnctc ccttgcnccg ctgtcttgge 60
 ttacgttgcn aacttggag nnaactgcct gaganccttg gcacttccat gtgcacagac 120
 tgtcgcactg taacaanctg tgtggggaaa ttgnagacta gccgnactga aaaggtcata 180
 cacattacac atngctcttt cttactatgc tcagagaa 218

<210> 263
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(217)
<223> n = A,T,C or G

<400> 263
catactccag tcttgggngc ctggcctgtc ccctgtgccc agaaccagta aatcggcttc 60
ccctgccccca gtgtatcctc aatcaggtaa ctgcgggtgc tatctatcat gtcagAACG 120
tgccccacc cagcccagg gaaataaagg tgaattcaaa aggaagcaa gcctccaacc 180
aaattaccag ataaacaaa aagcccaaaa aaaaaaa 217

<210> 264
<211> 216
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 264
ggcacatgcc actcctgact attggatnta ctgtatggca nctggagcac ttctgactgc 60
ngctntcatg cggctcatng acactgtgct cctntacttt cttacacctt tncnggcgn 120
gaangacnch antgcagagc tgaacattca atgaattaca tggaannggc cnntcaanch 180
ctgcctcntt tgctcaagg cgagggtct ctatg 216

<210> 265
<211> 187
<212> DNA
<213> Mus musculus

<400> 265
aatcaggaac cgctgtgaac tagaactttg ggtgattatg taccctccac gtggtatgct 60
ggaaactgta atatggtcct ctgcaagcag cagcaagtag tcttaaccac tgagcatctt 120
cccagcctac aaatgtttga tgttactaag aaatgaagaa gaagaagaag gaagaagaag 180
aaaaaaa 187

<210> 266
<211> 214
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

<400> 266
cctcctatgc ggaaggnagt tgaanaactc ccgctgtgca catgtgctgg aggaggagna 60
cgactaggna cgaacctnnt atnggcnnng cntaaaggaa caggnttgca cgacgctatc 120
ctgntattct gggatctang cttnaactct ttnagctgct gnacccttct tnatgaaatg 180
aggtggaaag catctttctc agggcgctct tgtg 214

<210> 267
<211> 214
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 267
 ggctcccttc tccgtntcgn anctgcctgt gtacaacccat gccttccacc atgacgggtan 60
 cggaccgnac ctntgaaact gcaanccann cccaattaaa ngttgtcctt ttatancgta 120
 gggacnnan ggtcaatggc cgctctcatn nacaggcact ttttcctata caaantatgc 180
 gcnccangtt gtacttgggt gctcaaactg aaaa 214

<210> 268
 <211> 214
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 268
 gactagcaga cacttatgcc tgggggtatg gcgnaacnga ntaccntttt cttantant 60
 tgtagtcang agtgtgaaga atgagcaana nmcctgtta ataagacatn cannaggang 120
 gtgantncac cgnantnnta aaaacgggcc tcttcccttg caacaccgag gctggtcaaa 180
 aggactacta ggaagctggc tttaaaaaaa aaaa 214

<210> 269
 <211> 213
 <212> DNA
 <213> Mus musculus

<400> 269
 aagatctgga gccaaaggatg tgtctttctta ctttggcccc atgctgctcc attcacaggc 60
 catcctccct ctcacctcca gagactgaga cggagaagga ctttggagga cattctgcac 120
 ctggaaactcc tggtagctgt gggccccgat gtttcccgga ctcatcagga ggacacagaa 180
 cgctacgtgc tcactaatct caataaaaaa aaa 213

<210> 270
 <211> 213
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(213)
 <223> n = A,T,C or G

<400> 270
 acctgaggca ctttcctgtg taganacgta ttnaacaggc aacnntcang gaangcactg 60
 nttcccnngg gccacacca ctagggaagt caacnncnaa ttcgctggaa gcagtagtcc 120
 tggcactact aattnttttt tanggttgn ganataggac attanttttt nacagnnga 180
 tntgcttttn gccaatatcat gatgctttta ctt 213

<210> 271
 <211> 213

<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(213)
 <223> n = A,T,C or G

<400> 271
 gatcaatcag tcgcagccag ttcagcantt cactacactn ggngnccagg acnacttacc 60
 taccactttt ggnacacagc actgnccaac atgcatgtaa tgggacaagg ccctncattt 120
 atatattccc ccagggtgc accttgtaac tncaagnata ccttatttgg cancttttctt 180
 aagnnctcaa attaaaaaat tgaaccacta aga 213

<210> 272
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 272
 acctgaggct gtactttang atgccgccag taatagtagc attggnattn gcntatacan 60
 tatggnatgn agagaccaca catgctggaa tgctgacaat ggtaagctna ctnaccactt 120
 tgaagagnca gagaagctag ttgttnttaa ccactgntnc anntctccag nctggaannt 180
 ttttttanta ttttgatgga atatgagacc tc 212

<210> 273
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 273
 gcgcctcagc gtgacctnca cntcaaaaact gggggtnaac cagaactggg acccngttga 60
 ncnaggnttg tatgnnttnt tgccctccnt acccggtctt antaaaaaac tgacttttctt 120
 tgncaactcca aaactacctn tctcncanct tcantgaanc ttttcaatcc tgaggatgct 180
 naactgcttg caaccngatg cccccccccc cc 212

<210> 274
 <211> 301
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(301)
 <223> n = A,T,C or G

<400> 274
 ccgaggcgga ggccgagggga ggactccggg ccgtncacaca gtaaccttcc cctgtcctcc 60
 tctcgcttaa gagaaaccng gcagtgcggc tgctttacag antgctcaga ctgcaagaaa 120
 actttctcta gnntatgnng nggaatntta aatctgtntt aagagtnaaa taactagggtg 180
 aaaaaaaccc tttaaacacc tnnagacaaa gaanncatca aatgannann atnacgnggg 240
 gggggnnncc cctnncantg aagccgattg ctttnnacag cgatcaagaa gatcccttga 300
 a 301

<210> 275
 <211> 211
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 275
 agtttcctgt tacttcctgt ttggcccact gnacngtnaa tggccancgc actgntctga 60
 cctcncacaca taaacagtcc tgcngaagtg gacttgacag tattataaag gnactgaccc 120
 ancngttctn cagcgccctt ttgctgnaat tgtgatttna ctgagcatta aaaaggctct 180
 tggagaaatt cttccatttg aggccaaaaa a 211

<210> 276
 <211> 210
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(210)
 <223> n = A,T,C or G

<400> 276
 cagcccaacc ttagctaccn ngggcaaccc gaatttgtgn gaagaccggg ngaccggttt 60
 ncatacaact ccaactgggaa ggaatgcatg taancancct gttaacttnn gaaaacacca 120
 ntgtaagtac tgnacaacgt tgnaagcagg nanaaatatg gnagtgtatg ttnacagctg 180
 caatnggatn aatacctaaa tgtttgagat 210

<210> 277
 <211> 209
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(209)
 <223> n = A,T,C or G

<400> 277
 tttttatgag aagaaaacca tctttttnng cccatgaaga aaacnctttg caaacngcgc 60
 agnactgngt ntttcnaggn gcngaangcg gggcatntcc tggtnccctac cacaccagna 120
 cacacggnga cctgggtagg ggcaaaataa agggaacang agagccaggg gaagtcntga 180
 agtagggcag accctggcac tcaccatgg 209

<210> 278
 <211> 208
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(208)
 <223> n = A,T,C or G

<400> 278
 cgtttggaga ccttggatcc cagcactaca gaccaaacca caccagagtt agagacttgc 60
 cagttcctga tacagctgtc cttaactgtt ggattctagt gtgtctgtga ccattgaggc 120
 tctgccagtc ttgaacttct cgtgtccttc tacctgttct ttgtgtgtct tncctgagat 180
 actgtntaag gatgtgataa ttaaatat 208

<210> 279
 <211> 207
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(207)
 <223> n = A,T,C or G

<400> 279
 acgcctacac aaggcgaagt cgatggggca nactccagga ctagcagcta gtctntacca 60
 tcntncanat natagcntgc ttaccttcan agatcatggg gtgctnngcg taanacgcat 120
 aaatgtatna gacgcatctn ngcataagga ggaagagggg gggaaannag gcccttcnac 180
 ttgtctttac tataacttcgc ttgctag 207

<210> 280
 <211> 206
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(206)
 <223> n = A,T,C or G

<400> 280
 cagcccatcc ttacctancn agggctaacc cgaatttcat gtgaagaccg ggnnccccggt 60
 ttacatatac actgccactg ggaaanaatg catncatagc acctttaaat atnngaaaac 120
 accactgtaa gactggaaca angntgaaag cagggggaaa tatggcagtg tatgttcaca 180
 gctgaatnaa ttaataccta aatggt 206

<210> 281
 <211> 205
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(205)

<223> n = A,T,C or G

<400> 281

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ctgagggttat gggcgggtggt ggcgagagct gtagtctcat cgctgaggtc tgagcactgc 60
cctgcagctg ttcgatgact ttaagaagat gcgtgaacag attggccaga cccaccgagt 120
ctgtctcctc atctgnaact aaccccctan cttagcanttt ntntttgngc cncaaataaa 180
gttattgtgc tgctaaaaaa aaaaa 205
```

<210> 282

<211> 204

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(204)

<223> n = A,T,C or G

<400> 282

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ggacttgggc ctgccgtgnc tnccttgaac ncnggtttca ggggatagaa ctncnngtgt 60
tcaggcttgg aaggcangca ctntaccca ggggaccacc tgncctggccc caggaaccag 120
naatttcnng gtcncttttg nctgnncaga aagttcaagg ncngcctgga gtgcatgtga 180
cccccatctt gaaaaacaaa acaa 204
```

<210> 283

<211> 203

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(203)

<223> n = A,T,C or G

<400> 283

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tcttaacttt ctaacangga aacttcenca ggacgctgcg ttgttggtgt tcccactgcc 60
tggcaaaaact ctttatctng tagcacttcc gaagtactcc tacttatcat atccttcgtg 120
actttaagag taacttcctg tgtcaatcct tcaggacatt cctcaaaata aatgttttgt 180
tcattgttgg ccaaaaaaaaa aaa 203
```

<210> 284

<211> 202

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(202)

<223> n = A,T,C or G

<400> 284

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aaggtagagg ctccttgtn ctcttagacc ccaggctagc gngtgtcgaa antanggtca 60
ctagnannaa ggctcanggg ttntggagtc tttcnnatgg ccngngcacn aggcatacct 120
tcacgcnccta tnttgaggaa taaactccca taagccagtc anagcggnc nnttgtaaag 180
gggactgggc tcacactctt gc 202
```

<210> 285
 <211> 202
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 285
 atatacactt gttgtccacc gcacacagtg ttggccacac nggcacggag tatagcganc 60
 antccaaaaan gcggnatcat ctgagcacan ccgaganttc atancaagta acnctccang 120
 angcgngcct gccgactgtg tnacacnnnt tnataanggg tgcttatgac ccctnntaaa 180
 atgtccaaac attaaactggg ac 202

<210> 286
 <211> 202
 <212> DNA
 <213> Mus musculus

<400> 286
 ctcctggtaa ctccatcgagg cctacgctct ggggcaaaat gtctgtacag gatcacaaaat 60
 atgagtggag tctgggtatgg tggctcatal ccggaagccc agcacttcag gaagatgaag 120
 caggagaact tgggggtcaa actgtctgga attcaggaga gagtttttagg ccaacctggg 180
 ttacatcaca tcaaaaaaaaa aa 202

<210> 287
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 287
 agatgttcca ctgctgagct gcccaagcga gccctttgag tctgttttct ctagaaagaa 60
 gaagtcntac tatataaaga tctacagtca tgangacacc ccggtactgg tttacacagac 120
 agcaaaagaat tgacatcaac cttagctgtcc acaacagatg aatggataat ggaaattttg 180
 ttctgtgatc taaaaaaaaa a 201

<210> 288
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 288
 atgccgggtca cagcccanan ggccaatgag gaggctcaat aaggtaagag tgctgcttcc 60
 aagcatcaca actgggagtt naatccctgg gacctacatg atgcaaaagg acaccgactc 120

ccacattggtt ctctgactcc tacctgggta ccatgtctta cgcaacaccc cccccaaca 180
tattgcacaa aataaaaatg t 201

<210> 289
<211> 200
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(200)
<223> n = A,T,C or G

<400> 289
cccacctta cctaccagg gnnaccgga tttntgttaa gaccggggga cgggctatgc 60
aacaactcca ctgngaaaca atgcatgnaa ncancttgta ancattagga aaacaccact 120
gtaatactgg ancaaagtgtg gaagcagggg tanatatggc agtgnatgtt cacagctgaa 180
ttnattaata cctaaatgtt 200

<210> 290
<211> 200
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(200)
<223> n = A,T,C or G

<400> 290
tggcaacctt aaatatactc attaggttcc agctgagctn cnancaccca tcttaccagg 60
acaatagtaa agccatgatg acaagaatat ttggaatagg gctagcctat gtaatgctat 120
atccacagaa tatgtgttcc tgtccaagta aaaggntgga aataaactac gagccttgta 180
ttggtcaatg gggatagctg 200

<210> 291
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 291
ggggatcgga aaactgagca gcagatggag cttctatgag tgcccatggc ngcctgacac 60
agnagtngag cgctcagtca ntttctgcgg attcagctga atgatattcc cacacagaga 120
tacagcttgg cttcngngtc aatatttaat gcctgcattt gttagtttta aacttcacac 180
ctatcacaaac ttacaggtt 199

<210> 292
<211> 199
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 292
 atttgatgtg aagacncgnc gggcccggtt ctnacaanaa ctnccactgg naagacaatg 60
 tcatgtaagg cacctgtaac acattaggaa gaacacacac tgtaaaactg tancaacagn 120
 tggaagacag gncgaaaata tggacagatg tgatgttnca cagcctgnaa taaattaata 180
 cctgaaatgt tagggtaac 199

<210> 293
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 293
 atataagcca ttgtttgagc agcccagcct tcctacctng ggcnaaccga aattntgtga 60
 agaccgggnt ccgntntnca tacaactcca ctgggaagna atgcatnaan caccttgtna 120
 ccttanaaaa caccactgaa gactgnacaa agttgaagcn ggngaaatat ggnagtgtat 180
 gttcacagct gaattgatt 199

<210> 294
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 294
 gagcaaacc tgtctcggca ntacacaacn aaccancaga cnaaacaana caacancnat 60
 naaactaanc ttanattgnt gaantatggn agctnccgc taacagcccc gccgaccact 120
 atggcctcaa actcagatcc ttagctgcct ttgcttctag tgctggaaat aaagccattg 180
 gccacctcaa aaaaaaaaaa 199

<210> 295
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 295
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 attatacggg ctgtgacaga nataaacaca ttgaacaggg taccacactg gcgaacagaa 120

nccagggnaga cgcanaactt gtgaactgng gccaatgaag aaccataaag cacaccctgt 180
gttggtgctca gagctggg 198

<210> 296

<211> 198

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(198)

<223> n = A,T,C or G

<400> 296

acctgagggtg gtgctgaggg ccnggggctt gctgggtgcct ccnactgan aacacacngg 60
actgagnccc nctccaannc cctnccgtac atctgtgtga ctctgtgtnc agccacctnc 120
aacgagggtg gtctagaaga tgccagctga cggttcagcc aataaagcat tccatgagca 180
tgtggaaaca caaaaaa 198

<210> 297

<211> 197

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(197)

<223> n = A,T,C or G

<400> 297

gtatcggggt gccgcggcan ncanatgagc tcttgctccg tgcgacttgc gtagagcgna 60
aggtccttag gcctcttatg antcccttat ngcaatncac nntntntcnt tntactcntt 120
gcntaaccna agcgnaccc aattgattct atgcaaaaang gcanggtctt cggcgaacgc 180
gccttaaaaa aataaaa 197

<210> 298

<211> 197

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(197)

<223> n = A,T,C or G

<400> 298

tgagagcact gagcttcggn tgcgcaagtt ggtccagctc atcgctctgc tgccgaagac 60
tnggagattt ccttttctaa ctctcacag cggattcgat aatcgctctt ggctgcttct 120
agnctgcagn canacaaact agataaaaang cactattang tgtctcataa ttttccttag 180
ggagaaaaga aaacaaa 197

<210> 299

<211> 197

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(197)
 <223> n = A,T,C or G

<400> 299
 gagcacattt ccttanggag cnagggagtn ccctattgat attacaaggt taggggaata 60
 ntttcataat gggncctact tatgtganag aataancnca gggccntggg tcaatggana 120
 nctggggggg ntaatgngcn ggtntggang cctttacaan naatgttcct tactaagngc 180
 cttccttgaa aacaaca 197

<210> 300
 <211> 197
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(197)
 <223> n = A,T,C or G

<400> 300
 ctcacccagg gcaacccgga tattcatgtt aggnccgggn tncnccgntn tgcaacaact 60
 accactgnga aanaatgtca tgnaagcagc tgtaacnatt agtaaaacac cactgnaana 120
 ctggaacaan gttggaagcn ggggaaatat ggcagtgtat gttcacagct gnaataaatt 180
 aataccttaa atgttta 197

<210> 301
 <211> 197
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(197)
 <223> n = A,T,C or G

<400> 301
 tcagctcttg cggaagagcg acagcaaccc cntcgagctg gnagactcag tggcacatgg 60
 gacccgcaac gncangcgtc cantngcagt gtggtagatc ccgctganca cagaaccccg 120
 nactcaaat nttgtannct ttaatgntna actntctgag gacaggtggn attagccnga 180
 acacagatta tgtttac 197

<210> 302
 <211> 196
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(196)
 <223> n = A,T,C or G

<400> 302
 gtcacagaaa ccaagtgggt ttgaaggnac cggcagcagc ctctacangc tggtcattag 60
 ccagctgctc tacgacggnt acattagtat cgccaatggc ctcatnaatg agnataagcc 120

ccagtnggtg tgcgccccct gggtagcagn tcttgcacat catcaagcta gggatgggna 180
acgatgacac tgcgga 196

<210> 303

<211> 195

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(195)

<223> n = A,T,C or G

<400> 303

gtgtacttcg taccctantt cnattgacac acagggtnntt tgtggatgtc gagacctgnc 60
attcggntgc acgttgtggt acantgctat tctgacaata tctacggang caggggggtg 120
ggancccnac agcantttgn gnttnctgcg aacactgctg ntgantcaga tagangatac 180
ttaggcatga agacc 195

<210> 304

<211> 194

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(194)

<223> n = A,T,C or G

<400> 304

cttctctgct ggcctcaggc cttacaggca ggcanccng annataaatg tacaaatgtc 60
cacggttgct ggttaacaga ttccngctat tagcatcagc nncaagggtc angatatacc 120
agagggggtt tgttttcgaa ccagatcaaa ataatgggtga taactttaaa ataattaac 180
tttaaaacta ccca 194

<210> 305

<211> 194

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(194)

<223> n = A,T,C or G

<400> 305

agctactcca gggttacnrg gttncatggt angaccnggg gccggcntac aacaacttcc 60
actgnaagac aatgcatgna agacactctg aaacatagca aaacaccact gatgaactga 120
acaaagtgtg aancaggggg aaatatggca gtgtatgttc acagctgaat aaattaatac 180
ctaaaaaaca aaaa 194

<210> 306

<211> 194

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(194)
 <223> n = A,T,C or G

<400> 306
 cctgctgtgc ggacagggan ntacgtatta acctntttca ntttcttggn ccttgggaaa 60
 actactgggg tanggtaaga ccagctgtaa ctctnaccag tacactggat ggncaagttc 120
 aacttcctaaa ttgcattcac cacaggtggn cattgcattt nagggnaaaa gagtagnggg 180
 tgagacaaca gccc 194

<210> 307
 <211> 193
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(193)
 <223> n = A,T,C or G

<400> 307
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 ctgaccagta ccctgggttcc catgaagacc taatacaatc cacctcaata catccatgac 120
 agctgtacaa acagcaacca gccatttcag ggaagaataa attttggtg cagtccaaac 180
 atcaaaaaaa aaa 193

<210> 308
 <211> 193
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(193)
 <223> n = A,T,C or G

<400> 308
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 tcctgccatg ataacaatgg aactaaaaac ctctggaact gtcaatacct agttaaatgc 120
 tttcttttat aaganaanaa gagagacatg gngnctcttt cacanaaata anactctaac 180
 taacacaccc aaa 193

<210> 309
 <211> 192
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 309
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 tcacacccac tgcttatatt cntcngaccc catctcatta ctagaggtn ctagggaggac 120

ngaggaagct acaacctggc actcagccct agtttcaggc cccagtgccn ccaaacaaat 180
 aaatgattct tg 192

<210> 310
 <211> 191
 <212> DNA
 <213> Mus musculus

<400> 310
 tgaggctggg gctgcgtatc tgaagatgca ttggaattgc tgatacttct ggcctttaac 60
 tgtctagtga taacatccag ggggtgagtac agctgccctt agctctcttt tgtgcttttg 120
 tgacttggaa tgcctaaatt ttatttttgg tctcctttct ctgagaataa aactaagtag 180
 aataaaaaaa a 191

<210> 311
 <211> 191
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(191)
 <223> n = A,T,C or G

<400> 311
 atgtcaggtc ttgttttnaa gcccancctt aactaccag ggtacccgnt ttctgtgaga 60
 ccggngccg gnntacaaca actccactgg gaaanaatgc atgaancacc tgtaaanata 120
 ggaaaacacc actgnaagac tгнаааааааа ntgaagcagg gggaaaatag gnagtgtatg 180
 ttcacagctg a 191

<210> 312
 <211> 190
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

<400> 312
 gggctaccg gatttcatgt taggaccggg nntccggtt gcangaactn ccactgggaa 60
 anaatgtcat gnagagcagn ngttancatt aggaaaacac cactgtaagn actggaacaa 120
 agntgnaagc agggannnat atggcagtgt atgttnacag ctgaatanga ttaataccta 180
 aatgttaaga 190

<210> 313
 <211> 190
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(190)
 <223> n = A,T,C or G

<400> 313
attcgtgtga gtctcggggg tccgncttac atcanctcca ctgggaagag aatgcatgta 60
ancacccttt cnttnttaaa acaccactga aagactggaa caaagntgga agcngggnga 120
aatatggcag tgtgtgttca caggctgaat aaattaatac ctaaatgnnt gtattcatct 180
atcaaaaaaa 190

<210> 314
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 314
acacacatgt gataaaaact gtctgtatac ataangaata cactaccagc ncctagtccc 60
aaaaaaacat tangaaagnt acgggcnggg gnggcaggta cnacgntctg gtggantant 120
tntttcatag gnagcnnngg agagcanctt gngngaggag gaagacggtg gaggcggcct 180
ataatactag 190

<210> 315
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 315
ctcgccgat tttgtgtgnt aacatgcnc cngggtggng gagcctnccg ctctcaacta 60
gcagtatcct ggaacagctg cgtgagcnc aagcnagcnc ccantgtgtc ngtgaagcca 120
ncactgaccc nnagaacccc tgtcacatgg acggccaaca ctgnctgnng ccactgctat 180
actgcgtgaa 190

<210> 316
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 316
cctgaggacc cagatncttg agcctngcct tcaagaccn ctagagtaca gaagcaggat 60
nccntcaaag gtctcccggc agccatgngt gatancacag catctaatacc cagcctggga 120
agggggacaa ggtnggntgn tnnccangagt tnnaggccag cgctgggctn ataggcacct 180
tgactcag 188

<210> 317
<211> 188

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 317
aagccccaac taaaccacnt naccngaga cagctanncn nccatgagct gggacttaca 60
gttgccactt cannggggtn cncnagccta aagaaagacc agggaccctg gggtatgact 120
gcctgtaaaa cagccttcac aactaaagat caacaactaa aaaactgaca gttaacttca 180
aaaaaaaaa 188

<210> 318
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 318
atattcatgt gaagaccggg nctccggcac tnacatacaa ctaccactgn gaananaatg 60
tcatgtaanc actctgtaac catgaggaaa acactcactg taagaactgc nacaaagntg 120
gaagcagggg naaatatggc agtgtatgtt cacagctgna atanattaat acctaaatgt 180
taagatac 188

<210> 319
<211> 191
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

<400> 319
attatgtggt ggggccccag acctgggttg cctggtnaan tcagnccggg accgggctgg 60
ancagggtng gggcggantc ctncgggccg atccgccccca gctcggccac tcactanagc 120
cgccccgct tgtgtgtttc cagaaatgaa ttgtcttctc cggaaggga gctcctttgc 180
aaaaaaaaa a 191

<210> 320
<211> 187
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 320
gatatccgaa tgatgcctnn agaactctgt aaggnagcac tctaggantc tgcactttta 60
caagctnctg aaananttg ntngcacacg actcatgggc aaagactaga gtctncctag 120
gggacatgca ggctccatgc taacacatac aactaaaaa tannntttac gtgctaaaaa 180
caaaaaa 187

<210> 321
<211> 187
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 321
gctgaggtag cagtcctggg ccagaggcca taantacttn ttgaggaact ctanaaggag 60
cgcacangaa gcaactggntg gctncatata tntactgctc tcgaatccat gaattacagc 120
tcggacaccc ggagcatccg aangtcctat nccgaanctg ctattctcta naaagtatag 180
gaacttc 187

<210> 322
<211> 187
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 322
gcccaccttt agctaccnag ggctacccgn atattcntgt aggaccgggn nccggttttt 60
catacaactc cactgggaag naatgcatgt aagacaccnt gtaacctatt annaaaacac 120
cactgtaaga actggaacaa cagttgaaag cagggggaaa tatggccagt gtatgttcac 180
agctgca 187

<210> 323
<211> 186
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(186)
<223> n = A,T,C or G

<400> 323
agaggctgac taatgaggga ccactttatc cagactcctt tcctnccact gccagaggct 60
gcacatctga ccanagactn ggcngtgnag gtagggaggg ggtgtccant cctacnttgg 120
ctagtcttat aaacngcaca tngcnaaagg aaggtgactt ntacanctat aactcttcct 180
cacaga 186

<210> 324
<211> 185

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(185)
<223> n = A,T,C or G

<400> 324
gacaaagctg gacattttat ctcaaggctc cancagcaac atacactnct accnnantgg 60
naagcagtgc ttcttcangg gngtcntata ggacagcngg aggtctgtgg nagagaggac 120
atacggaacna cagcctcgga aagaagaaat acangtggtg tgtttcctcc atgagagggg 180
gcaac 185

<210> 325
<211> 183
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G

<400> 325
gacgtcactg ccgaaaggctg cccccnccn tggcttgeng ngaggcctna gagcnttngt 60
aacgatcant cagcatccca caaantggat gaagagaacc ggcttcctct gtcgcccatt 120
tgtgtgctag tgcatttttg cgatcatata caaataaac aaacatgcgc aaagcaaaaa 180
aaa 183

<210> 326
<211> 183
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(183)
<223> n = A,T,C or G

<400> 326
aagcagcttg agcacgtatg ggangcgaaa ngngtgagaa tgcgaaagga gaaggaaggc 60
actctctggg gaggaagaaa ggncaagagg ctacangctg ccttctatct ggcagagtcc 120
ganggtggtg caggacatca cagctctaga gatagccata ctattctccc aaggctcacc 180
ttt 183

<210> 327
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 327
cgcaaggcta cagcacagtc ttttgcttnn tactcagccc actgcattac atggtaaagn 60
angggacaan gngcntggcc gttgtggngt gaanacggac agtgttacna ancgganatt 120
gatntagata gatgaagaaa anggcaccgt tgcaancacc tttgctgttt atggcaatgc 180
ct 182

<210> 328
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 328
ggttggctgt tgtggcacat attctttggnn acctancact caggngggaa ggagcaggca 60
gtattttctga gttcaaggcc agcctgatct acagcaatga gttccgggat gaccagcaac 120
tgcacaggag aaatcctgtt ttgaaaaacc aaataaaacc aaatcaatca aacaaacaaa 180
aa 182

<210> 329
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 329
ggcctggatg atgtacaagg ctcanaagcc ccctgcccagg ttctttgctc ctatgtgagt 60
ggaccaagcc ccaggctttc ctatttagat gtgggtgtgt ttgaggctgt cctcctgatg 120
atcacaaacc tcaactgaggg tcacctgttg tccatgaact cccattgttc tctgtgcaaa 180
aa 182

<210> 330
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 330
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cactgnaaga aaaggaattt ctgtccacta ttagtthttta ctaagtcatt agtttttact 120
tccatgcata ggctgtcctg ttaaattgtct ataaaacaac aatgtgctta gcatggcgga 180
tt 182

<210> 331
<211> 182

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 331
ttcttggtttt tatcgcccat ccttcctacc caagggcaac ccgntttcgt gtaagaccgg 60
nntccggngct acatacnact ccactgnann naatgcatnt aaggcacnct tgtaatatan 120
gaataacacc actgcaagac tgaacaaagt tgaagcagcg ggaaatatgg cagtgtatgt 180
tc                                     182

<210> 332
<211> 180
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 332
tcacttcagc ttctgtccna aaaaccataa gagtnncngg cggggggggg gtccacacna 60
tggggggacta cttctttcnn agganncatg ncgagcaccc ttggnggagg angaagaggt 120
ggaggcngct ntaatactag ncaaacatgc gtntgggcta cangggataa cattcatgca 180

<210> 333
<211> 180
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 333
tgacaatatt atgagtgnct gtgaaatatn ctaatacgnc cagggaataa agaccatatn 60
atgataatat tangagctac cagggngggg tcanngtttc tacactacta taaagcctnn 120
atgcnnccctt aaggataaca tagcggtntg tactntntna gaggaatgat attgccatgg 180

<210> 334
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

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<400> 334
atattcatgt gaagactcgn gnnnccgntt tanatacaac taccactgng aananaatgt 60
catgnaanct cctgtaanct attangaaaa caccactgaa agaactggaa caacagttgg 120
aagcaggggn aaatatggna gtgtatgttc acagctgaat anattaatac cttaaattgt 179

<210> 335
<211> 178
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 335
gggtacccgg tttctgtgaa gaccgggnc cggtttgnaa caactaccac tgggaannaa 60
tgcattgnaan cagctgttac catagaaaac accactgnaa ggactggaac aaagttgaag 120
caggggtana tatggnagtgt tatgttcaca gctgaatana tnaataccta aatgtttg 178

<210> 336
<211> 178
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 336
catggggtcg ctctgtntgt ggtatntaca tgttctccan gaactggnc gcacagaggt 60
cacttacgtn gggaagtctg nancaactga aanaaanatng cttncaggct ctttgtcng 120
tatgagtgtg aagaataagt agtaatccga gttaataaac atacaaatgg taaggaga 178

<210> 337
<211> 178
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 337
gggcctgact cgccttacct gcgacgctta anggtatcgc gcgggtncg gatttccagn 60
gcantnctnt ttataagnct tcttgacgag ttcttaataga ggggatnaaa ttctntagag 120
ctnggnagga actgggagcg gccgcannaa aatatnttta ttttcatcaa aaaaaaaaa 178

<210> 338
<211> 177
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 338
 tacagttcct gcaacagctt aacatgnttg ggntatanca tggaaactgc aacatccagn 60
 ttgcaactct ccntgctcac tggacgnggg ataacttntt caccgcancn accttaana 120
 aggtgtctaca gaaaattanc attagtgtaa cattcanant actgactgat taactaa 177

<210> 339
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 339
 gactggggga aggcctgatc tgcagagagg angcaacagc ngaaaggagg tgacatgaaa 60
 atgacacttc aataggaagc taagttaagg aaaggcttca tgactttcat atctgggata 120
 agtaccttta aaaaaaccta tacaatacat agcaggaaac catttaaaaa aaaaaa 176

<210> 340
 <211> 176
 <212> DNA
 <213> Mus musculus

<400> 340
 tctgtgaagc ctccctgtgc tgcattaaac aaaataagaa actattcagt aagacaatgt 60
 gacttgtgtc caatatggag ggacaatccg gttctctaag atttctgaga acttatattg 120
 acggaggttg cctttcagcc tggattcaaa gctgtctggg atgccatagg gcaggt 176

<210> 341
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 341
 aggaacgcac cagagctcgg cataactcta ggatagantg tggnaagtag caaggcagca 60
 tgatgtccta gtaaaganga ngcagaagcc tgagacttct tgccacaga gaccccctac 120
 gaagactagt taaatcttcc ccctgtcctg tacataataa atacgctaac attccg 176

<210> 342
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(175)
 <223> n = A,T,C or G

<400> 342
 caccactct ggaatacgng aagaagcggc ctggatctga gcagagccaa ggcggcgcta 60
 gctgagaatt acctacattt tgcctcgtt cctcccantt tggaatccca ggttgcttgc 120
 agactaaaga gaccncaggc gattatttgg attaaaanaa caaacgtttg atgaa 175

<210> 343
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 343
 tcgtcgtcag gcctcggggn acacggttat gacatacaac ctancactgn cnanagaatg 60
 tcatgnagaa cnggcntcta atcatcagan aaacncncac gtagtaagta ctggancgaa 120
 cgttcgggaag cngcnggtnt natatgggca atcgggatgt ttcacagctg taatt 175

<210> 344
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 344
 acctggcagc tctctgcgat cgcttgtctg cagnncacca ggccccagaa gatctcctaa 60
 natacnntga agctgggtatg cngctcctcc ttnaccaggc ctggctggnc tgcaggctnc 120
 tggnggannt gngaattgcca tactcntgaa ccttgcccta aaagtctctg gatct 175

<210> 345
 <211> 174
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(174)
 <223> n = A,T,C or G

<400> 345
 gccatggcaa aagtatccaa gttctacaca gngaantnctg acntaantcc nannantgac 60
 ancntctaca tanaactgac actgggaant tanaatncac gttctgcttt tccaagctac 120
 cncaggcaca ggggtctnaa cagaaggcag gtcccacttc tcttggggat atgg 174

<210> 346
 <211> 174
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(174)

<223> n = A,T,C or G

<400> 346

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agtgctatta gtggctggtg atttaccgtg gtgcagtggg caanctgncc gtgntccaga 60
annttcnctt cctggncnga cagganaacg gtnagtgacc ttctgatggg aagaatacat 120
gttcccagga acaggcagga caaggtactt acatgggaag ctcaaaaaaa aaaa      174
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<210> 347

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 347

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acctggagga tggtagntct tttaagcagc aattgncana tcntgttcaa tannatgacc 60
ctgcatccnn ggtacngggn cacgtttccc cggatgaag cacngcatga cttcccacag 120
gcnngnttga atatcatttn gagtngctta ntttcttaat ggcattttcc tgg      173
```

<210> 348

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 348

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ggagcccagc ctcaactacc naggccnacc ngaaattgtg ngaagctggg ngccggtttn 60
cancanctcc actggaagna atgcatgana ncaccngttc cttataaaac accactnaag 120
actgaacaac gttgaancag gggaaatagc gnagtgnatg ttcacagctg aat      173
```

<210> 349

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 349

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gatagaggac gagcctctca ctgtngccga cccctgncgt aacaggaang gaaancctgt 60
tctcccgtgg acatccatch gacaggaaca ancaccataa catggngtta natgctgngg 120
nccttccgga gcgctttact ttgaagcgac naggacgttt cctgctgctc tta      173
```

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<210> 350
<211> 172
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(172)
<223> n = A,T,C or G

<400> 350
ccctcttctg gtacttcngc ccctcatgtg cagaaaactg gctgtataca tntggnaata 60
cantnccatg cttctgtnc cttctgtnc aaaaaccata gnagnngcag gccgtggccc nngtngacnc 120
tatgggtgga ctacntnttt caggaggang natggggagc agcttggtcg ga 172

<210> 351
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 351
agggtccctg cactacaagc tctgcngacc cctgggtntt cccttaggtg anggattgca 60
catgaaggaa gtgaaggunc ccngatgccc ttctgctnnc caacagncna antgacagga 120
gcncncancg gctcttgacc annccaaggc acacactcct tccagaaccc c 171

<210> 352
<211> 170
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 352
tgagggtataa cgcacgggtc gcctcagtga aggcactgca aacaaaatga tngctngttn 60
tganntnnncn gagccttaat tcngaagatc naaggctcct gcnacatgtg nccatgcagg 120
tgactgnncc tttgntcntg aggtgcctgg atggaggctc aaatagaaga 170

<210> 353
<211> 170
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 353

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atggccagga ggccgtagat aggacacatg caaacacagc agctaagggt cagagcaatg 60
gtctttgccc ttaaagatct accaagctag gccagcttgt caatacatgg ntaatattga 120
cttggttnggc atagattatc agtacattat gttctccatc aagtcagttt 170

<210> 354
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 354
aagcgctaga gaagataant gnccccaanc gcccnacttt tacagttctn ggactaacta 60
gnnaccactn aggaaacnaa ccanatccnc cacctgtgct anggtttgat gactcggcat 120
gcgtgtatgc nagagaacgc cgagaggaac gagaaaaaca gatagggtg 169

<210> 355
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 355
ccggggcacc ggttttncac aactccactg gnaagnaatg tcatgcaanc anctgtaatc 60
atagaaaaac accactgaaa gtactggaac aacagttgga agcaggggta natatggcan 120
tgnatgtttc acagctgant naattaatac cttaaagtta aaatgtcga 169

<210> 356
<211> 168
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 356
tgatgtggca tgagggcnc tacccttctt tccacctngg caacnnacaa gaggtaggtn 60
ttcacagctg ngctgtgact atataatgaa taactggaaa catacaacgc ntggaaaggc 120
tcggcaggct gancagtgt cctgccggtt gggtagaaga gatcctgg 168

<210> 357
<211> 168
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(168)
<223> n = A,T,C or G

<400> 357
cctacctacc tagggnaccc ggtttctgt aaagaccggg ntccgncatt acaacaactc 60
cactgnnaan aatgcatgaa gcnnctgtg cttanaanac nccactgaag actgnacaaa 120
gttgaagccn ggganatatg gcagtgtat gttccacagc ttgaatta 168

<210> 358
<211> 168
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 358
gtgggtggtt tttaccggct gnagttgggg aacctggccg tgggccagca aactccgctt 60
cctggtanaa ctganaaacg gncagtggac ctactgtntg ggaaggatnc atgttgccca 120
gaacaggcag gcactagggt tacttacang ggaagctca taaaaaaaa 168

<210> 359
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 359
tgagtgtcct cccagaagag tccgagtatt cgagtncttc ctacataatt tacggttatc 60
agaaattcca gtctcacttc ccagcagcac aagttatcat ggtaaggtag attccagagg 120
atttctactgt ancaaaaagaa acagtancat gatctgaaaa aaaaaaa 167

<210> 360
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 360
gctctcactg ccatgtatcc acancantgg ancacacagc tgtangtaat attttgggca 60
ttatgnacat gactatctta catgaancgg gaatnnaaat ctctaactgc cttcacacaa 120
acccttttct tcataactng cggcgcaacc attccaattt ggcgctt 167

<210> 361
<211> 167
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(167)

<223> n = A,T,C or G

<400> 361

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tttagtttct gtctatgaca cgttgctgcc catgttcacg tgcattgctg gtgctgtcag 60
gatcacnacc aagggtgttg gatctggcgt taaagcaggg ttgcaagctc cagggaatgg 120
agcctggatc ttcaggagaa acagaaagag ctcttaaaga aaaaaaa 167
```

<210> 362

<211> 167

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(167)

<223> n = A,T,C or G

<400> 362

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tctggtgttt caccggggtg cactgggcaa cctgnaccgt gttgccagca aactncgctt 60
cctggnagga cagnataacg gncagtgacc tctgnatggg tanatacatg ttcncagnaa 120
caggtcaggt acaaggtcac ttacatgggg aagctcaaaa aaaaaaa 167
```

<210> 363

<211> 166

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

<400> 363

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aggggtgcata caccctttta nggctactac ttgggtggac aagaaggggc agtatctcgc 60
tgngtthtga ggccagcctg gnctacggct caagttcgtg gggacagtct gcactacata 120
ggaaagcacc ctgtcaagca aactnataa gacaaaacaa aaaaaa 166
```

<210> 364

<211> 165

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(165)

<223> n = A,T,C or G

<400> 364

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taactgtgaa aggaggncac cagaccctgc nagacctcca ttggntgncg tatgnctcaa 60
gagccnacc ggtggcanaa cacgngatc tgtntgcacc angcagagct cactggaaga 120
tttcgaagat tcaatatgaa acacagatgt aaatgtaaat gctca 165
```

<210> 365
 <211> 165
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

 <400> 365
 gggcttaacg gcaggaccaa ggaatgatat gtacccccat aactagncca accaggnaag 60
 accttcccc actcntaacc cccgcgcctg ngatgagaaa tctgtcttng ccanngggct 120
 attgcggcag ctgcgcgaggn nggcccnaacc tgctcacgca ggccc 165

 <210> 366
 <211> 165
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

 <400> 366
 ccacaaggat agctgtgntc cagtttttgn tanaactact aggtgaanga acacctctc 60
 tcctattnat tcccatatct gctttaccgt gctggacaca ncnttggntc taagaaaatg 120
 cagctcacca ggctgtgacc actgaatcac attggagttc tctgt 165

 <210> 367
 <211> 165
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

 <400> 367
 gctgggggga gctctncctg cgctggtncc tgactgtacg ctctangctg anttgggtcta 60
 ncctggntac ttggaccaac tntttnaann tgggnngaag cctcacaact gnaggacctg 120
 anctcctggt actgccccgc tcactgcccc ctgagtaatg gcaat 165

 <210> 368
 <211> 164
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

 <400> 368

attctatgac catacttctg cgagtcttca agcctcattc agccancann gggaagaccc 60
 tgtnnanctc agtacanngt naagcntgag cagaanatgg actgcggngg tggttacatc 120
 aaggtgntcc cgtctgacct ggaccnaag aagatgaacg gccca 164

<210> 369
 <211> 164
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

<400> 369
 atggctctgg ggcattcngn acgttaagtg taggagccac gncctngctt gnntgggtcgg 60
 ctncantcac tggtnntggt cttggaagaa ncnccggtac atctagccat tcgctttagn 120
 cntcgctctn tgtatcacag gaaacaggat tacacattca atga 164

<210> 370
 <211> 164
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

<400> 370
 actgatggta cccgggttnac tccttcacnt aaatangcca aggggtccnag gentgagnct 60
 ttaggnaata gtgggtcncc atagnngaa ctgctaggac taacaccgaa ccctgcncag 120
 tcctgtctga ggaggtccat cggaagnca caagaagcac tggt 164

<210> 371
 <211> 164
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

<400> 371
 tttcatgtaa gaccgggngc cgttttacat caactccact gggaaanaat gcatgaagca 60
 ccnttnacca tangaaaaca ccantgaaga ctgnacaaca gttgaagcag cgggaaatat 120
 ggnagtgtat gttnacagct gaatnnatta atacctaat gttt 164

<210> 372
 <211> 164
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(164)
 <223> n = A,T,C or G

<400> 372
 gggcaaccg aatttcgtgt gaagactcgg gngccgnttt tanatacanc taccactggg 60
 aaggaatgca tgtaancacc ntgtatccat nngaaaacan cactgnaaaa ctggaacaac 120
 gntgnaagcc aggggggaaat atggnagtgt atgttcacag ctga 164

<210> 373
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 373
 taagcccttt ttaagcagcc caaccttcct accnaggncn acncaantt ntgtaagacc 60
 gggctctccgt tttacatnna ctgccactgg gaaanaatgc atnaancacc ctttacctta 120
 tgaaaacacc actgaagact gaacaacagt tgaagcagca gga 163

<210> 374
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 374
 tggctggtga tttaccngnt gcagtgggcn anctnnncnt gntncngnaa cnttcncttg 60
 cctggtagcc agaaaaacgg gcagtgacct ctgnatggga gnatacatgt tcccagcaac 120
 aggcaggaca aggtacttac atggggaagc tcaaaaaaaaa aaa 163

<210> 375
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 375
 gctgaacaag accgataggt atgaaagggc aagcaagtaa gaagcagnaa ggtgactttg 60
 gntcagagac gcctgccttg tcctacagng gngactctcc tgtgcaacag ntgggccaca 120
 acagaggnac acctanaagt gtgagcttgg ccaaaaaaaaa aaa 163

<210> 376
 <211> 162
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 376

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gcctgggtatg ttaaccacta catcctacca tgaataccat ggctgttnta ttntaataag 60
ccccaatctg gaatcaaccc gatgcccatc agnaatagtg gggaaaaagc tgacaagtat 120
ttcagaaaaga agaacaaaag caatgaaatt aaaaataaaa aa 162
```

<210> 377

<211> 162

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 377

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ctgaggctgc acctgtggaa gtctttcctt gaggctttga gctgagtcct cctgtagccc 60
caaggtaatc ccagtagtac tgctgggtcca cagtagttac gaggacacca gctaggttgt 120
gaaactggac caggctngac atctaaggga ccacttgcct ag 162
```

<210> 378

<211> 162

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 378

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gtgactattg agggccctgc ccagcacaga cttgaantgg gttcatgtac aaaccnatag 60
gcacccngct acactccntg gncatnggca ncancaanga tagncnnttc tncatgctg 120
natacgggnc ctaatgtggc ntctggtgac ctgcaagtgc ag 162
```

<210> 379

<211> 162

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 379

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tgctgctgct catgcatatc catagctgct gtncacactg gtgcaggagc tgttgattgg 60
ctggagagta tttggacttc taggctggcg agccacttca cttggatcct catgaatttg 120
nagaatgtga ataaagtgag gttttcttgt acaaaaaaaaa aa 162
```

<210> 380
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 380
cataccactt cactggaag gaatgcanaa aacaccctnt tncttatann aacacncact 60
naagactgna caacnttgaa gcncgngnta tatggcagtc gtatgttctc agcttgacnt 120
agatcnatac ctaanatgtt gtgnntcgac tataacagaa aa 162

<210> 381
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 381
gcttcttctg gtgcgcctga ngtcgcgtac ngtgtnaata antcttgggc cngancaagc 60
agggactgag tgagcagccn acccagantg agaagagggt ctaaaantnn aatttncaac 120
aattacatga actnttataa ccatgggtga cagccacagt g 161

<210> 382
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 382
tttggctaca tactgcatgc actgcagcag cnggagtact ntctgcatcn gcaaaggntc 60
actgncngaa tctgtcctga gnagcaagag gctacttadc cngtataccn gtgcananta 120
acagncntat tgcnggnat cagatgccct ctactggaat g 161

<210> 383
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 383

agcctgaata aaatgtntccc caccaaggat nctaagcnac tccgggtaag gaaacatagn 60
 ncccaggccc gggctgcagc tgtttgcctc aaggaggact caagcggggt gaagctgctg 120
 tttttcctga gaactggaca tgcctgcctt ccatgagaat g 161

<210> 384

<211> 161

<212> DNA

<213> Mus musculus

<400> 384

ctgggtctag ttgggatctc cttggctttc gaacactcat ctcccaaaca tgagtcccca 60
 agaagactct gaaacacttc agtccctggg accctaactt gtgaaacgca tccctcaatt 120
 tgactgggtg gttccctgac agcaaaggag aaaaagaaaa a 161

<210> 385

<211> 161

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(161)

<223> n = A,T,C or G

<400> 385

ggtaacacgg ctcaaccttn tgaacttccc tccgagcaag ctcccttctg ncaggctgga 60
 ccctnactct gggaggggaac ttnatttttg caaggcatgg catacttgct gctaangana 120
 tacannatct atgacnagac tttcaaagac tgttgatttg g 161

<210> 386

<211> 161

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(161)

<223> n = A,T,C or G

<400> 386

ggtggtatatt accgggtgag tgggcaacct ggtccgtggt ccagnaaact ccgnttnctg 60
 ntantacagg agaacgggca gngcaccttc tgatgggtag atacatgttc ccagtaacag 120
 gcagggacan ggtacttaca tgggaagctc aaaaaaaaaa a 161

<210> 387

<211> 161

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(161)

<223> n = A,T,C or G

<400> 387

ccctggtgcc ttctgcaaca aactgtaaca ganngccang antccatcca gactgctaca 60

gcaccactca ggtatcggna gtggcantna ncggaantnc gcaagcactg ctcangacan 120
ctaagctggt gtccttggac caaantcctc attaaaaact g 161

<210> 388
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 388
gggctggaga gtatggctac tngcttaagc aggcactga ngtggtcttc ccgcaggngc 60
cngagnncaa tgtanccagc nnccacatgg gnggctcaca acacatcctg ncacaaggaa 120
tnngactccc tcttgtggag agngctgaag acagcgtac 159

<210> 389
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 389
ctttgatcag aaagagactg cttttattag nnagnctgct tacnatgctg gtgtggccgn 60
accnagggc tttctccgta catggtgaaa ctctnnattg gagagctata ttacnngnna 120
gnaatgaata aaggcntcat atgctttaa aagaaaaaa 159

<210> 390
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 390
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cctnggttnna aantctncag gcagacncac atgcgtggca nactaactc actcgcanca 120
catgaggatt atgacggccc tcttctggtg cgccttcca 159

<210> 391
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)

<223> n = A,T,C or G

<400> 391

tacaccaggc tgcgctagaa nctnagaaga tcgacctgct gtntctaccc tntgctggga 60
ctagaagggtg ggcaccactt ccnccctacn tgacangang attanacngn accatgtctt 120
tnnctctgca ancttgctg gagtttactg atgttcttt 159

<210> 392

<211> 159

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 392

tcttgacagga ggaaatctgg ctgencagaa atatatcnga ttncctatg gtgaaggata 60
tcctcaagga gcaggaatag caaggaaggg cctcatangc tgccatactn cncangtact 120
acgggtttgt tggactcacg aagtaggttt tggatgcaa 159

<210> 393

<211> 159

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(159)

<223> n = A,T,C or G

<400> 393

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tcagacgtgg aagatcagaa agagctggcc tccccannaa gcccncagct caggcagaag 120
gaggtacagg angaactttt tgaaccagct gacctcagt 159

<210> 394

<211> 159

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 394

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gtcctcctag anctnctccn taaatccctt gtagctnnn gtgcnctcag cngcactggg 120
cgaganaaaa ccacctgtct aantaccagg gggaggtgg 159

<210> 395

<211> 158

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 395
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 cagncancat agccctgggt tacatggngc atgactcaaa aaaggcttaa tcatgaanag 120
 atgcttcctg cagtgggtcc tttctgatga aaggataa 158

<210> 396
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 396
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 ttnaggngcn aaaaganact gggctgcgtn tngcagagga cgccgtanat tgagatgcc 120
 attcatccat atgatgangg ngtgcacaac tgttaaca 158

<210> 397
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 397
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 ttgtgaatga ctgcnagagn gnaacagcgc cttgggaagg ctggncgtga cgctcngga 120
 gngactanta gggaggaagc ccctgacagc agagggtg 158

<210> 398
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 398
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 agccactcca gaaaccanga acnnggtca atggccaggn gctagtgggn aaatagctta 120
 tacagaaata aaaccaggac cntatggaaa aaaaaaaa 158

<210> 399

<211> 157
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

 <400> 399
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 aagtgtctggc attnnagaca tcccaccanc agaactnann agnnatggga accgaggcct 120
 tntggaagaa tggccagagt tcaggcgcat ccttaaa 157

 <210> 400
 <211> 157
 <212> DNA
 <213> Mus musculus

 <220>
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 <222> (1)...(157)
 <223> n = A,T,C or G

 <400> 400
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 cagttncctt tacntaangt acatngnnga nttagcatct ccacataaan ttgtcccnc 120
 ctganaaaaga aaaacgatct tggtttattg ctgatgg 157

 <210> 401
 <211> 157
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

 <400> 401
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 ctggtcntgn ntatgnanac caagctggcc tcaaatagac aggagcanct gacagcctga 120
 gtgctgggat taaaggccat gtgccacaaa aaaaaaa 157

 <210> 402
 <211> 157
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

 <400> 402
 cagctgtcct gtgccattgt ggcttctata tgtngccaca tgccacacgt anatgtggtg 60

tntattncca agtctgngtc tactantctg gctctcagag tgcacagcac acactnagnc 120
cctttaccac caggaagtac cgttgggtcc ggactga 157

<210> 403
<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 403
aactcctgtg ctgggaacta ntccctgntg tncctggggga ctatctgnag cccttgatga 60
ctgatnggat ttccctgctt atttataaca gtgtcaggtg caatgccgta gccttgggtg 120
tctcacatta aagtacagca agctgaaaaa aaaaaa 156

<210> 404
<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 404
tacataccac taccactgnt aaanaatgca tgtaagcacc ntnacctat tanaaaacan 60
cantgaaaga actggnacaa agtngnaagc aggggaanta tatggcagtg nnatgttcac 120
agctgaataa attaatncct aaatgttaag atacaa 156

<210> 405
<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 405
ttttgcttca ttgctctntc actgccacct ncctaanatg nctgggggttg gcttacactc 60
agcaacnccc gttctttngc tgggtgcana angaachnanc caagnacact ntagtacacn 120
ccaggtactg tagcttgcaa cttgcattta cccaaa 156

<210> 406
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)

<223> n = A,T,C or G

<400> 406

cagtttctcat gcatgcnccc cctacactgg acgatntann ngtcctacca nagntacnca 60
aggcgtcctn ctntccccac tggctgccag atgaatccat cncctctgct acatatanag 120
ctgaagccat gcttcnctnc atgcatactc ttgtgc 155

<210> 407

<211> 155

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(155)

<223> n = A,T,C or G

<400> 407

ggaactgtga gccaaaaanat accctttttt tatgttnnga ggacagatan caaatgcctg 60
ggctgtcttg aaggacattc aactatggan cccctgggag tnggnnactg gactntncaa 120
antgtgagcc aanagatacc ctattctcta tgtga 155

<210> 408

<211> 155

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(155)

<223> n = A,T,C or G

<400> 408

tttttaatga ctgtagacta ntaatggtaa gtataaanct gtccttctga gttcctgtgc 60
atatggcttc tgnttcgctt cctgncccaa ggatcctgcc ttaacttcct gccctngcat 120
cacangctgt aataaaccct ttcctcccca aattg 155

<210> 409

<211> 155

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(155)

<223> n = A,T,C or G

<400> 409

gacatagacg ggtacangta anggaaaggc acttcaatac ggaaacagaa cttntgggga 60
aatcncnaag aaagnnnctg gnaatacann atngaatgt aagtcacaaa tgctgcaaac 120
atgtacctga cgggttgtnc ttcattgtct ataca 155

<210> 410

<211> 154

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 410
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 tgcctccatc agagtggcct tgggcaggtc tngancatt ttcccgnntn ctgattgccca 120
 tgggagggcc ccacncgntg gacctgcgat ccat 154

<210> 411
 <211> 154
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 411
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 ccanagntgc acttgnngggg nctgcttact caciaataag gncnnaaaat agncccaaaa 120
 natnattccn ancacacaaa ctacatagtg gtga 154

<210> 412
 <211> 154
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 412
 taggatatat caggctatac ctaccaacaa cctgggtagg nggtaagtcn gcncaaacac 60
 nagntcaagg ntcacctcgt gctgtgctaa caaacgang ggaggcctgc agttacantc 120
 aatcagcctc tctccctctc aaaaaaatca tata 154

<210> 413
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 413
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 cccgggcaag cnacgctcct ttaccnctg nancnactt ccagtaatgt gttcatttta 120
 aatacttagg aaacgaacc agtgtcaaaa aaa 153

<210> 414

<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 414
tgaccattat tcttaaggag anagactgag gaagagctct ttttatgatg atcaggtacg 60
tggaacctcc gtttgntgan tccattgctn atgtaggaca aangaangga aaagngcctt 120
ggcaaanmna aagtttgctc atatcattcg ga 152

<210> 415
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 415
catacaacta ccactgggaa gnaatgtcat gtaancancn gtatacctat nangaaaaca 60
ccactgtaag cactggaaca aagttgcaag ccngggagga aatatggcca gtgtatgttc 120
acagctgnaa tanattaata cctaaatgtt ta 152

<210> 416
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 416
gctcactcac cccttncttc ctgacatggn acttggcaan aacgtntgcn tntagngatg 60
cttgcttcaa atntgtccct gacggnagag gcttgtagca tggtccgaan gaatatgctt 120
ctcaaaggcc ntatcctttg gtgtggcacc gg 152

<210> 417
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 417
cttttcctct gtcccttctt ctctttcctt tcttactttt ccttctctct tatctacttc 60

ctgcttcccc ttcattccct tttctctttt ttcattacct tttgatctcc attggngtgt 120
gggtgtgatt gattgattga ttgattgcaa a 151

<210> 418
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 418
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gcctcttcgt gccctgaaa cantgctgac cttnggnat cantaacggg tcgccggngc 120
atgancagag aagggaaca tctcttgcc c 151

<210> 419
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 419
gtgtgggggg actcatatgt tacatttggn aagcgagtag tgcagctgtt ggtgtgaatg 60
ctgcgtggga agaggctccc ggccatccta cagactgtgg accagcaggt tctaggattg 120
gntgccaatg gtgatggcga caaaagtcga g 151

<210> 420
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 420
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gnacgctcag cacncaacct gnngacacta ctntgcttnn ttnacancac cnngcaggat 120
nactgttgct tctatgggag agttagtagc a 151

<210> 421
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)

<223> n = A,T,C or G

<400> 421

ctctctgtcg tggttgggtc tagctgtgac cctttggacg gncctcttn tggggcgctc 60
tagtgaccgn tcccctcgtg nggccgtgcg gncggctgtc gggctnncgg cggggggcna 120
gggagcctgg cgccctctca ttcctattgt 150

<210> 422

<211> 150

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 422

cagtttttgg tctgccantt ggaatcgctg ngccaacngg nanggggaca ccnggccctg 60
ntttgtncn gctttgtgtt gaggccgtgg ataacaaaa gtctntcacg nggtatggtc 120
tttaccgggt gantgggaac ctgcccgtgg 150

<210> 423

<211> 150

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 423

cagaccgggc cggctggcac agggtagggg cggnatccag ccggccgntc cgccccagct 60
nggaccnctc actantgccg ccccgccttg tgtgttncca gnattnaatt gnattctccg 120
gaanagggag ctnccttgca aaaaaaaaaa 150

<210> 424

<211> 148

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(148)

<223> n = A,T,C or G

<400> 424

cggtagacaa accacaggac ctgcacgggg ctgctccagg ncctttgnat gatatatatta 60
tggcttaach gtttagngnn tnccaccn tgcaccgat tcntgagtgn gcaaaccagt 120
gatctctgnt ccttgagcct caaataaa 148

<210> 425

<211> 148

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

<400> 425
 ctgatggctc taaaaaaagg aagaaaatct ctgctctcct gcaaaatgct aaaaggacca 60
 agacaagnaa ggaactggaa gattttgata actgatggct gatgaanatg aatgnacaat 120
 ttctttcacg aatggaacat ctactttg 148

<210> 426
 <211> 148
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

<400> 426
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 nnaaactnta tncatcacc agaaggnatn atagttgctt taactttggc tcgctctggc 120
 ccgcatgtt gnagtatgaa aaacaaca 148

<210> 427
 <211> 148
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

<400> 427
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 ggnccggggg accggncat gacaacaact ancactgnca aacaatgtca tgnagancag 120
 gctgnaanca tnagaaaaac acgcactg 148

<210> 428
 <211> 148
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

<400> 428
 cagagcattc ccaaccangc nctgntctga tttgcatatt gactcacggg actttccttt 60
 actggtctac nnaaaangac ncaacagggt cnttttngga acagctttcc ctcagcccga 120
 gaagaancnn tagtttgcct tttagctt 148

<210> 429

<211> 148
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 429
actgcctgga atagatgant tcaanctegn cnccegnngg atcgaagcnc ctattctgaa 60
gttcctattg tntanaangn atangaactt ctcgacctgc ntgcattgcaa gctggggggg 120
actgacgtcc tagaaggagg tgagggaa 148

<210> 430
<211> 148
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 430
tgagcacatg aattcagggc taaggacttc cnnngaatca gaagacactg cccccctncc 60
cccactatgg ttgctggag gctactttga cctttntttt gannacagnn gnctctgctt 120
ctttnttag gtggagtacc cccaccct 148

<210> 431
<211> 148
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 431
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ctangaggcc cagcacnggn tctacaacaa gggagttttc aggnngngga aactagatt 120
atacagnaaa aaccctgttc tgcgaaaa 148

<210> 432
<211> 148
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 432
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attacagggtt nctctgtgta catcctggga attgctntct anaccaggct agcctgggtan 120
ctnaananat ntacctgcct ctacctag 148

<210> 433
<211> 147
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 433
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gancanaagg actnccctct tctggtcttc acaccncat gtgangcaaa ctgcngtata 120
catatngaatt aaataactct ttgggttc 147

<210> 434
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 434
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ggggngtcct tgnacaagtn ggctcaangt tganactcan gccggaagga actngatgnt 120
attgggccta agggccgggc aaagga 146

<210> 435
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 435
tgaggagaag gaggaaggca ttgccttgac accncggnat gactcagcgt aattggattg 60
acagaaaagt caagataatt gtaagatccc tcaccatcag gattatccta actgggaaga 120
agaaatacat atttcccccc ctagaa 146

<210> 436
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)

<223> n = A,T,C or G

<400> 436

aactaccact gggaaganaa tgtcatgnaa ncacncntta taacattagg aaaacactca 60
ctgtaagact ggaacaacag ntgaaagcag gnataaatat ggnagtgtat gttcacagct 120
gcaatnnatn aatacctaaa tgtttg 146

<210> 437

<211> 145

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 437

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tctcgtgctg agaaggggan nncataacnc tcattgacgc ttgngaaggc actagcgtat 120
cacngggggcg gccccataac ttctc 145

<210> 438

<211> 145

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 438

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tnanagnaag naagnaaagg naggnagga gggagggagg gaaaaaagggn aggtagcaag 120
gttgnaaggt tgtaaggagg taagg 145

<210> 439

<211> 145

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 439

ctccacccag aaccactngc tcatgggtanc ctntgacgta gaattattta aaaggaacga 60
gggggatcan acgngctca ttcttgcatg caaaagactn cacagaaagt cttacggnaa 120
tganaaacga tttttttgcc ctctc 145

<210> 440

<211> 145

<212> DNA

<213> Mus musculus

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<220>
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<222> (1)...(145)
<223> n = A,T,C or G

<400> 440
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ttaccttcan cangttcttg gccttgggca nactctgggg tagggaagac caatgnactc 120
taccantaca ctgatggcaa gttca 145

<210> 441
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 441
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cgatgggtctg aacttcagct tcnttcgtca tcaccatgta cttctttggg aagtatccct 120
gtttcagtca tttgaagcat cagca 145

<210> 442
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 442
ccctaccccc atcctgaaaa cctgcttgac ttcggngtgg ganctttctc tgctgcattt 60
ngatgctgct cacncccact gctggtaacc tagaaggtag ccncacacgt gcacactttc 120
tactggacca gaacattatt cggc 144

<210> 443
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 443
ctcccttttg ccgtgggntg tgccccctgc tctaattctg gnactgtccg gctccaaaga 60
gcaagaggtg cagannncna tgttacctnc ctgcantgtn tacaccatgc nacnctctg 120
gngatcgcaa gatggtttat caaa 144

<210> 444

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<211> 143
 <212> DNA
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<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 444
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 tacttcangt aggctcccgg gatgatgggt cacagcccag cttcagagcc cgcaaggcgg 120
 acttgaattg caatgctctc att 143

<210> 445
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 445
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 ctcccctcat ggctaaccat cangacctaa gggatncaaa tgtaacacca aagaaaacgt 120
 tttgctccca aacctacctt aaa 143

<210> 446
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 446
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 catcagctct agcatgactc ctg 143

<210> 447
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 447
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ctggcatgtg tgannccaca ccagngtgac tagnanttaa ctacactaat ngtggnatgg 120
taaaccctgc tgggcagaaa aaa 143

<210> 448
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 448
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gnaggattcn cctgnnttct tngggaggac tnactcaacc cngaagctnc ccatcctgtt 120
gaaacangag cccttccttc tct 143

<210> 449
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 449
ggccttgccct ggcctggaac ttgctgcata gactatnctc aaattcatgt aaaacccaac 60
tgctcttttc tggggattaa agggcatgta cccataaatg cccagtgcac agccatgctt 120
tccacttcca gactccaagg gaa 143

<210> 450
<211> 142
<212> DNA
<213> Mus musculus

<400> 450
gtatttctgc ctgtgctccc gccttctggc aatgactggg tttacaagaa ggggtaccaca 60
tgcttggtt tggtagctgt tcctggtaaa cacatctcgt cttcacccgg catattaaag 120
cgcaaccgta ggaaaaaaaa aa 142

<210> 451
<211> 141
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G

<400> 451
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aaatggtgca gagctggtgn ggctccnnct cnatgngnc acacacnttc acatanenca 120

nccnagttcc tatgagtctt g

141

<210> 452

<211> 141

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 452

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tactgcaatc tggctntaac tcctgctcac gacgactgga tcttcttatt ccccttgct 120
gccaaactttt ttttttactt t 141

<210> 453

<211> 140

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(140)

<223> n = A,T,C or G

<400> 453

gcgttacctt taggggattt gaatgtactg tncctgtctg nnttttttgt ttangatggc 60
ntanttttca cggcccagga nattagncng ggaagggctc anaaagncag tatctgattt 120
agttcctatg tgaactaaat 140

<210> 454

<211> 140

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(140)

<223> n = A,T,C or G

<400> 454

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aatctgtatt tcctggctgt gaccactctc atatttttgc ncatagtaaa ctatctncta 120
tcctcttttg aaaaaaaaaa 140

<210> 455

<211> 140

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(140)

<223> n = A,T,C or G

<400> 455
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 tcggtttaca gtcataccca ggtcacaagt ggnagggagg tgggtggaaca tncatgncgt 120
 gngtaattgt ggaacaaggt 140

<210> 456
 <211> 139
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(139)
 <223> n = A,T,C or G

<400> 456
 attagcacag ttcattatgt tgctggcaca gcangnaaca gnantctgtt cagctggcga 60
 actccttggt tgccctaggg acgtggggat cttgaacctt gtttcctcct gtaattaaat 120
 acagtctgaa acaaaaaaga 139

<210> 457
 <211> 139
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(139)
 <223> n = A,T,C or G

<400> 457
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 tttacnatan aaaacaccac tgaagactga ncaaagntga agcaccgggn aatatggcan 120
 tgtatgttca cagctgaat 139

<210> 458
 <211> 139
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(139)
 <223> n = A,T,C or G

<400> 458
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 agtgtatgtt cacagctga 139

<210> 459
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 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(139)
 <223> n = A,T,C or G

<400> 459
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 acaaggntga agcccgggan atatggcagt gtatgttcac agctgaataa attaatacct 120
 aaatgtttga aatgcaact 139

<210> 460
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 460
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 caactcgctc tanagaagag gctgtcctnn anctcacnna ttgcccgcac tgtgcctccc 120
 atgtgctgcg attaaagg 138

<210> 461
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 461
 aactccactg ggaagnaatg tcatnaacca ccntttacct atangaaaac accactgtaa 60
 gactgnacaa agttgaagcn caagnnatat ggcagtgtat gttcacagct gaatanatta 120
 atacctaaat gtttagat 138

<210> 462
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 462
 gactctaagg agggaagagt taatagacnc cntnaaanta nncatttcng gaggccangg 60
 gcagagcctg aggctctgct accnggctgg aggcctggct ggatgtaacg ctnatcacag 120
 anctggagag tgctgtga 138

<210> 463
 <211> 138

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(138)

<223> n = A,T,C or G

<400> 463

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cttggtaaac agngactgc antcttggac cagcaccaca gnagggattc aggtntanag 120
aggcagctgc cactttag                                     138
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<210> 464

<211> 138

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(138)

<223> n = A,T,C or G

<400> 464

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tcctgtcaca tggggtatna gagtngaan nggtancacn tacattnacc tgataacntt 120
aatcttttta aaaattaa                                     138
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<210> 465

<211> 137

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(137)

<223> n = A,T,C or G

<400> 465

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aatnntccc agaatagcan ganacatccc caagttccca gcagcagcga tgaaaccagc 120
tcgtgttcct ttcaact                                     137
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<210> 466

<211> 137

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(137)

<223> n = A,T,C or G

<400> 466

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actgnnanag ctcagtataa ntcgcaatgc attattgaga gtaatggaag aanncagngt 120
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acaaatagcc aggtgtgc

137

<210> 467

<211> 137

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(137)

<223> n = A,T,C or G

<400> 467

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aagtgtatgt tcacagc 137

<210> 468

<211> 137

<212> DNA

<213> Mus musculus

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<223> n = A,T,C or G

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ggaaggaatg tcatnaanca cacntntaac ctattangaa aacaccactg taagnactgg 120
aacaacagtt gaaagcc 137

<210> 469

<211> 136

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(136)

<223> n = A,T,C or G

<400> 469

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anctcgctgc tanggcgatc ccttcactag ncctggattc tggatgtgng gaaantgnag 120
agaggggtaa gccaat 136

<210> 470

<211> 136

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(136)

<223> n = A,T,C or G

<400> 470
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catcggncct gcctgnggan aggtgncang ccgnggggga gaaataaana ccgatgaaga 120
acgtgaaaaa aaaaaa 136

<210> 471
<211> 136
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(136)
<223> n = A,T,C or G

<400> 471
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natactgtat gncctactt actgnacctg ctgcaggacc acatgggcta cacacataag 120
taaattaact taaata 136

<210> 472
<211> 135
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 472
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tgtttcctgg ctgtgnaccg ctctcatatt ttgctccaga aataaactat ctcctatctc 120
ttctaaaaaa aaaaa 135

<210> 473
<211> 135
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 473
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gtaacaaann cagganctnc nnagcaaaaa acnctttcgg gacntncacn naccgggtta 120
agggcagatg agaaa 135

<210> 474
<211> 135
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
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<223> n = A,T,C or G

<400> 474
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atcctgcttt ctgga 135

<210> 475
<211> 134
<212> DNA
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<220>
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<222> (1)...(134)
<223> n = A,T,C or G

<400> 475
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cagctgcttt tgga 134

<210> 476
<211> 134
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 476
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cgctctnaca gtaatacctt gantgatnta aaantgtggg agtnagtcct acccttccac 120
catgaaaaaa aaaa 134

<210> 477
<211> 134
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 477
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ggaaaagttt tgtaattctg gcaacacntt ngngcnmnc nngtacnctc tcntctgttt 120
atccacttgc aaga 134

<210> 478
<211> 134

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 478
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caanccctga aaagaaagca aannctttgg ccaccactca acctnacagg acttnaacat 120
cgaaggccaa aaaa 134

<210> 479
<211> 133
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(133)
<223> n = A,T,C or G

<400> 479
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gnaaacaggc tnctaanagc atangaaaat ataataatgt aacaaganaa tttctaact 120
aataggacaa aag 133

<210> 480
<211> 132
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 480
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agggctcttt tt 132

<210> 481
<211> 132
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 481
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ccaaacatag at

132

<210> 482

<211> 132

<212> DNA

<213> Mus musculus

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<222> (1)...(132)

<223> n = A,T,C or G

<400> 482

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nttgtncaaa cctctnaaag agnggggncg gacgncacca tcacgttaaa actttcatga 120
aaaaataaaa ta 132

<210> 483

<211> 132

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(132)

<223> n = A,T,C or G

<400> 483

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<210> 484

<211> 132

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(132)

<223> n = A,T,C or G

<400> 484

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<210> 485

<211> 131

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(131)

<223> n = A,T,C or G

<400> 485
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ctggtacaga a 131

<210> 486
<211> 131
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(131)
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<400> 486
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tgagcatgac ctgttctact ttctanaaag tgccataaca cataaaacct tccatatgaa 120
aataaataaaa a 131

<210> 487
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 487
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ccgntngngn gtttccaaag aatnaatngt tttntccgga aaggagctc ntttgcaggg 120
ggaacgcaa a 131

<210> 488
<211> 130
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 488
tctccgatcc gctgtgcttg cngcntgggc ctatgaactc gccactgcc nccaacactt 60
gacaggacca ngctccggcgn nccaggacga tgaanatgcc ngcnatcttn tggatgceca 120
gggacgctgg 130

<210> 489
<211> 130
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 489
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ggctcctctc gcagcacctt caaggcaagt tacttnaaaa cagccacaca atanatgcgc 120
acaactcata 130

<210> 490
<211> 130
<212> DNA
<213> Mus musculus

<400> 490
cacgtgaggc tgtgagtcct cggcttcctg ctagttgtat gccagtagca aggcctctcc 60
accgtgatgc acgcttattc ttctggaacc ctaagctgaa ataaaccccc ttcttgctta 120
aaaaaaaaa 130

<210> 491
<211> 130
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 491
gaggatacac ctgtgtgant gtacatgcag cgncatggta ctgtcaagta cggtgaagaga 60
ncgcccagna aaacagactc acaggccttt cagggaacca gnacggactc ccagaagagc 120
ggaggtgaag 130

<210> 492
<211> 129
<212> DNA
<213> Mus musculus

<400> 492
acctgagccc aggaatgtaa aaggactttc tacagttcac attaaaggta gcctgaggaa 60
gacgggaaga cttccatctt caaaaactgg cgaaattaat aaaggatgac tatatcacta 120
aaaaaaaaa 129

<210> 493
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 493
gcacaggaaa gcatgngaatt aaggaancaa gaggaanctg nntaagagac ctgcncttgg 60

aagcatcctg aggctgcaga aacgctgctc agagctgacc cacnacctgg agatgagaga 120
 ggtccagcc 129

<210> 494
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 494
 ctagtttttc tcccccttcc cccntcctgn aaacctgctt gacttcggng tgggagcttg 60
 nctgcngcat tgcnantcta ctcacnctgc actgctggna cctgaggcag ccacacacgt 120
 gcaccttt 128

<210> 495
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 495
 cactgcctgg caaaaactctt tatnctngcc aacntgcnc a gnactcctac ttannnnatg 60
 cntgggtgact ttctagantg aacttaactg tgtgcacatg ctttcatgcn tttctgaaaa 120
 taaaagtt 128

<210> 496
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 496
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 aagacagagt ggcaggcaga angggagcct gtgtgtgcac agggcagcaa cactggcctt 120
 ggcaaaa 127

<210> 497
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)

<223> n = A,T,C or G

<400> 497

tgtcccagga atccattaag aagctgcccgg ccgaggcccg gggacgacgc tgggggtgga 60
ctactttctt ttcagaggaa agnntggng attcagcttg nggggaggga ggaagcgga 120
ggaggca 127

<210> 498

<211> 127

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(127)

<223> n = A,T,C or G

<400> 498

tccgaactac ccatatggcc ggctnacana ccattntgta atgancanan gaacgnctc 60
ttctggtctt canacctca tgtgnagcaa actgctgtag acntntngaa taactaccag 120
ctttggt 127

<210> 499

<211> 125

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(125)

<223> n = A,T,C or G

<400> 499

aggaaggacc ggaganagag ccgagacgaa cggaccctgt nccgagcttt cttccttccg 60
tgantgacaa gataccagag atagtgtgg nntnaaactt catccctcgt gactactctg 120
gacca 125

<210> 500

<211> 125

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(125)

<223> n = A,T,C or G

<400> 500

tatcttctct acctccanca cttttgatac aggtatcntg catgcaanca cagaggtttn 60
cggaactcc tcgngtggg tanaacactg gangcngacg cactgggctg gatggacttg 120
cagaa 125

<210> 501

<211> 125

<212> DNA

<213> Mus musculus

<220>
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 <222> (1)...(125)
 <223> n = A,T,C or G

<400> 501
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 ctaggnaagg tcagttgcgt tgtaggtccc caacaagact ttgccaactg gtaatttggt 120
 ttcgg 125

<210> 502
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 502
 cgtgaagact atgatgacat tancaaccag anngacttca tcatatgcct tggaggagat 60
 ggcaccttgc tctatgcctc ctcaactttt acagggcagt gtgcctcctg ttatggctgg 120
 gcgc 124

<210> 503
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 503
 gaaaccctca tggacttgag gcgcggggcat ggtncntgca gnaggacttt cggaaatccc 60
 cncncnagc tggacgnccn atngagaccn gagncttggc atgnttggct actgggcacc 120
 acaa 124

<210> 504
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 504
 gcctggtgca aatgaccgnc tttcttataa ctcaaaacag ttccctctgc ncctgggnaca 60
 ccccggcact ctggactagc tctgttctct tgtngcctan tgtagctcgt gtacaataaa 120
 ccct 124

<210> 505

<211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 505
 ttcttttttac ttttttnatg cccaatttta tcatganctt tttangantg aaaatatttt 60
 tttaaatctt ttccannnat ttaacatctg catttacttn tgctgccata aaattccatg 120
 acca 124

<210> 506
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 506
 aggcctttaa aaaaagttga ttcnctgcat gagtgcaagt tnactactgc tgntcaccgt 60
 tgagagactt acaggtgctt gcctgaactg caataacngg actcatatta ttgaaaaaaa 120
 aaaa 124

<210> 507
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 507
 ctacagcacg ctacgattgc tncctgcaatc nngntangct gggcncanct ntgctggcgt 60
 aaactgcngn cggtagcgcc tntggtttct acacaaaatg aagcatattt tcatgcgtaa 120
 aaga 124

<210> 508
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 508
 acacacgtgg cacgcttctn tactgnaacc actacanctt ncnegcctgt aatnntcacc 60

nctccccnt ncttcatatc taggacgggn aacaggtaac cattttgagc acttgtatca 120
ggag 124

<210> 509
<211> 124
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 509
cacacgtgtg gctttctacg ctccancagc aacnagnagtc ctggannggt nctctgcact 60
taaccatgcn ggtcggacac accacgctna agnttagcac agnctattca aggatggcac 120
agca 124

<210> 510
<211> 124
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 510
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ctctacgact gtncggggnt ggcncatat aacgcntggg cgaggcgcat aggaaatgcg 120
ctac 124

<210> 511
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 511
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gggcgngggc cgcgcccgc tgcgggggcg cgccccccg gcngggcggg cgcgcgggccc 120
gct 123

<210> 512
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)

<223> n = A,T,C or G

<400> 512

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cgacacctac ncgggaaccg tgaacatcgc cctcctgctc tgcctcactt taaaaaaga 120
aaa 123

<210> 513

<211> 123

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(123)

<223> n = A,T,C or G

<400> 513

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gaaacacaca cataggcaca cgcgactan ntgaaaataa acattatattt ctaaaaatga 120
aaa 123

<210> 514

<211> 123

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(123)

<223> n = A,T,C or G

<400> 514

agcactgctg aaattttaac tacnccaagg atgcctgtcc ctccccacc agcaccgcggc 60
accgtcacca acatttgac tcgtgagtat attttctcta ttcaggtttt ctaaaaaaaaa 120
aaa 123

<210> 515

<211> 123

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(123)

<223> n = A,T,C or G

<400> 515

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cggntttgga aataagaact nggacaaatc aatccttttn attaaaaaca acaacaacgg 120
cgg 123

<210> 516

<211> 123

<212> DNA

<213> Mus musculus

<220>
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 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 516
 aaataaactc ttcttactgt gctactgctg tnaagaaann actncnncag cgtnggacac 60
 cccgggncga tactgcgcta gtgntatctt tcacngcgng anatagaatt gaactagcct 120
 ata 123

<210> 517
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 517
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 cacagacata caggncgtga tcnattgcat gaattctctt cgantnaaaa atcacaaggc 120
 gac 123

<210> 518
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 <212> DNA
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<220>
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 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 518
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 caa 123

<210> 519
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 519
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 gtgcccacga ctataggang ggancattgn aaaaaatctn ttncaaaagg gcttgataca 120
 tgc 123

<210> 520

<211> 123
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 520
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 agcnacatgn acncanaaca ggcaagcaaa aggtacttac atgggcaagc tcaaaaaaaaa 120
 aaa 123

<210> 521
 <211> 122
 <212> DNA
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<220>
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 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 521
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 aaggcagnag aaaaaaaccc cccgangccc ngngccaaag caaaagaaga gacagagaag 120
 ga 122

<210> 522
 <211> 122
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 522
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 tatggatggc ttacaacat tgtnctnatg annatncaca acgncctct tgctgttctt 120
 ca 122

<210> 523
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 <212> DNA
 <213> Mus musculus

<220>
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<400> 523
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accagggtct ntganangaa ctggctgagg aggttaatnc gacctggatc acaggaagaa 120
ga 122

<210> 524

<211> 122

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(122)

<223> n = A,T,C or G

<400> 524

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<210> 525

<211> 121

<212> DNA

<213> Mus musculus

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<222> (1)...(121)

<223> n = A,T,C or G

<400> 525

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actgnanact gngtggggccc atngatgcat gcctgacgac tacnntggta ctcatatggt 120
g 121

<210> 526

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<212> DNA

<213> Mus musculus

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<222> (1)...(121)

<223> n = A,T,C or G

<400> 526

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tcctggctgt acaccnctct cntattttgc tccagaataa actatctgcc tatctctttt 120
g 121

<210> 527

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<212> DNA

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<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 527

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<212> DNA

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<222> (1)...(121)

<223> n = A,T,C or G

<400> 528

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a 121

<210> 530

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<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 530

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aaggatgtct ctgccatgcc cacgggtacg cacggacgca cggcacggac tccacaagga 120

<210> 531

<211> 120

<212> DNA

<213> Mus musculus

<220>
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 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 531
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<210> 532
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<220>
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 <223> n = A,T,C or G

<400> 532
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 <213> Mus musculus

<400> 533
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<210> 534
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<220>
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 <223> n = A,T,C or G

<400> 534
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<210> 538
<211> 119
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(119)
<223> n = A,T,C or G

<400> 538
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<211> 119
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<213> Mus musculus

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<221> misc_feature

<222> (1)...(119)

<223> n = A,T,C or G

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<211> 119

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<223> n = A,T,C or G

<400> 540

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<223> n = A,T,C or G

<400> 544

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<210> 546

<211> 118

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<222> (1)...(118)

<223> n = A,T,C or G

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<212> DNA

<213> Mus musculus

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<223> n = A,T,C or G

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<210> 550

<211> 117

<212> DNA

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<222> (1)...(117)

<223> n = A,T,C or G

<400> 550

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<210> 551

<211> 116

<212> DNA


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<213> Mus musculus

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<223> n = A,T,C or G

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<222> (1)...(114)

<223> n = A,T,C or G

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<223> n = A,T,C or G

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<223> n = A,T,C or G

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<211> 114

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<223> n = A,T,C or G

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<223> n = A,T,C or G

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<223> n = A,T,C or G

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<400> 578
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<210> 610
<211> 105
<212> DNA
<213> Mus musculus

<400> 610
gcagcacaaa ctgtggcact cccaggtgaa ccttgcgatc gctgggaata ggccctcgggt 60
cgcagcacac gaactgcagt gatgtggtaa gcaaacaaaa caaaa 105

<210> 611
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 611
gagggacata gtaacatgca atgncccgtt cctatatgtc tggaatccac gactncctgg 60
gaaggtgagt ggntgggctc acccctgcct gccaccgagt aatat 105

<210> 612
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 612
cactgaaata ctggaacaaa gttggaagcn cggganata tggcantgna tgttnacagc 60
tgaatangat nnatacctaa atgttaanat gcaactaaaa aataa 105

<210> 613
<211> 105
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 613
gtacctgaaa atcaangagn actgactggt tctgcctcat ggagtactcc accatcctgg 60
ctaggaggga acaggcantt aatcactttt atttaaaaaa aaaaa 105

<210> 614
<211> 105
<212> DNA
<213> Mus musculus

<400> 614
ggcccttctt gcctggtcgc tgccatgggg cacctggaag ctacatgggc aggacacagg 60
acaggactca cacattcaat aaaaatgttt ttaaaataat aaaaa 105

<210> 615
<211> 104
<212> DNA
<213> Mus musculus

<400> 615
taacagcatg tattggaggt attggagcac ctactgggaa cacgcggagc aagctagtat 60
cttgacaggta agccaagatg aggagagtct ttttaaaata atcc 104

<210> 616
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 616
acctgaggct gggccctntg tctcttgtnt gaccttgacg cccaacgccc gtaaattgnt 60
ngnnncccag ntntccgggt cttacaggga agcatggtgt ggta 104

<210> 617
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 617
caggcacatg gtaaactctna gnatgatgag tatgccctcg gccccatac accagcgctg 60
actgccccna gcccatggtg gtgaccccag gggccggggc tgtg 104

<210> 618
<211> 104


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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 618
gctgggagct tgggtcctct naaagggtag ccagngctct taactcctga accatgactc 60
ctgncccaaa tctggcttct taaaacttat ttctgagaac tgaa 104

<210> 619
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 619
tgtacagcta ccgctcccat cntaganngt caatactgac taggcaggac cnntataagt 60
aagnagnang tacacagcat tttntttttt tcttagaagc acac 104

<210> 620
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 620
gggagggtct gccttccgca ggcccagagc aaaggcgacc agnagaccat gggactagaa 60
tctctgaaac tctaagctaa agtaaattctt cccactaatt ttaa 104

<210> 621
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 621
ctaaaacatt ttgaggaaat ttnnggtata cagcagaagg cattagcagg attcacagct 60
ctgcatggaa ggcaaanatc aataaacagt ctgaagaaag ttt 103

<210> 622
<211> 103

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 622
aggagaactc gaggatggaa cgcgnnaccn gcaacctggg actcctgcat cagctctgag 60
acctgagcag gtcnagtcag cagtgaatgc cccagttgcc att 103

<210> 623
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 623
gaggaggctg atctgccccat tgcctctcac cangcccacg tgnctggaac ctgnggagcc 60
caccacactg tgncaccttn ctactgnacc aaagattatt cgg 103

<210> 624
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 624
gcggtaggtc tgaaggatga gaacaggctn ccnnactgt gttctctgtn ctcaattang 60
tgtgccnagg cgcacctgta gtcacacata tatatacata aac 103

<210> 625
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 625
catggttgta ctgcacaact cattctgtga acaagnancc aatacatntt tctagtgngt 60
gtctgacgga cagctgcngn gtactcatat aaataaaaat aaa 103

<210> 626
<211> 103

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<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(103)

<223> n = A,T,C or G

<400> 626

ctgttggcag cttctcnnct gcattacgan ngctgctcac gctgcactgg tggtaaccna 60
gaggagncnc actctgtgcn cctnctctac tggaccagca cat 103

<210> 627

<211> 103

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(103)

<223> n = A,T,C or G

<400> 627

ggtatgctgg caaactgaaa tntggncctc tgcaagtagc agcaagnant cttaaccact 60
gagcatcttc ccagcctaca aatgttngat gttactaagc aaa 103

<210> 628

<211> 102

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 628

gattggagaa ggacagantg tntgtgaacc tggacgttaa gcacttntat gcgnaggaan 60
tcatagggna ggtntctgtg nacgagattg aggtctacga ga 102

<210> 629

<211> 102

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 629

gagcactactt gtgcactaga agaggccaac nngtgacnng aggnccatn ctgagtgggc 60
tgacactagg ttataccnnn agcaagaccc acgcttgccct tc 102

<210> 630

<211> 102

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 630

ggcctgcagt tttgcaagaa gattctttct aaccgcagtt tgctgaacat gggaggnact 60
gtcccatctg ntgcactgnt gctttggggg taaaaaaaaa aa 102

<210> 631

<211> 101

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(101)

<223> n = A,T,C or G

<400> 631

gtcacctttg ctgagagaag ctgtnnngaaa tcacttttng gggagtnctt gatcttcaca 60
aaattaagac ttctattttc ggatccttac ttgaaaaaaaa a 101

<210> 632

<211> 101

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(101)

<223> n = A,T,C or G

<400> 632

acctgaggaa ccctttcttg tntgtagtgg cggcagtnga angnattac cccttgntct 60
atgctanagc aagctggcag atggcgtctt ccgtgggcaa c 101

<210> 633

<211> 101

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(101)

<223> n = A,T,C or G

<400> 633

ggaaaaagcc tcacaactgg ngggctganc tcctgttact gccccgctca ctgccccctg 60
ttnnatggca aataaacttg ntttctttct aaaaaaaaaa a 101

<210> 634

<211> 101

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

 <400> 634
 gcccaactct tacctancca ggggatnccc gaatttcattg ttaggaccgg gnnacgcggn 60
 attnnaacaa ctaccactgg gaaanaatgt catgcaaggc a 101

 <210> 635
 <211> 101
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

 <400> 635
 cattgtgtag gcccgggngc cggtntgcaa cacctncact ggcnagnaat gtcattgagan 60
 cagcngaanc atacanaaac accactgaaa gtactggaca a 101

 <210> 636
 <211> 101
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

 <400> 636
 aaccgcagct cagaaacgca cccttgnaac ctgacctaac ggnaggatga tgtggggagga 60
 acaagnaaaa tgaaaatggg agaaagggtc atatctgata c 101

 <210> 637
 <211> 101
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

 <400> 637
 aggggttggg tctgcagtta gtaccctggg gcagnngacc atcaattact tgnttgnggn 60
 aactctgcaa ngctcgggac aggaaccat ggctggtgtc c 101

 <210> 638
 <211> 855

20060069-012902

<212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 638
 aaagggaaaa cactcgtggg tnccagntag tgccacata aatatntcac cgtgtaactg 60
 tnggtcgggtg gaganagnen gatannnaca taacanatan atgnncagct ccatgatanc 120
 tctntctatn tcgcactctn taanacgcta nnnnaaaaat cgctatcgcg ctatggagac 180
 cccttgtctt tcatcatggg gtanaagggc accnnaggna attgagttna cacatttgtg 240
 acgtatatcc nttnganttc ccttgtttta acagggatgc acactcncan acaataaaaa 300
 cggcatnctt tcccagtnng atctatatca caganatatt atanccctta nananccngc 360
 ctttntaaan anantntgac ntnaaaciaa cacctttttna taccatgtgc gagatatagg 420
 taaaacatan gcgtgcgtga tttggggaag aggnacgcgg gtattngatt aatgngncct 480
 ttttgggggc aattnancca catgcccnaa ngnaagtta gggccancan ctaaaaccnc 540
 tcaaanncca aaaggnccgc ctttanttta ttcgggaaac caccggcccn accaatnnan 600
 tttatgcgca agaaggaagc cccctccttt ggggaccttt ttggccttag agacccccct 660
 gtcattaagg cccctnnca gacccaaaaa aatgnngggc gccatatagt acnggggatg 720
 ggatgtcctt nactaggca tttttgcaan gntttggaac gnaaaggaac cncctcttag 780
 gtttcgttcc aacacataaa accaataaag gggctnggaa gaacgncaag gatttcngta 840
 aggatcgga gattt 855

<210> 639
 <211> 685
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(685)
 <223> n = A,T,C or G

<400> 639
 gaggccagtc ttatgnctct acctgtgcct agtcttacgg gnaacctcta ctcatgattc 60
 tgtttgcagg cgcttcgcac ttccttntgc ggactctngc caatggcccc agccttggga 120
 atggcccata cgcacactcg ccaggnacaa ttcacggacg gggagcacac cccaagggct 180
 tcacccaccc ggggaacaca agcagaagat tgcttgctgn gntccctgcc cttcttgggg 240
 gacccccact nantnncagg acctgnctc tttctttgtt gcttcaggta actggactgn 300
 gggactgcac actccccaca cgcttnccag ggaatgctct gtgtncang ggtgggtntc 360
 cacantaact cactgggggc ctctgtttgt tggccctgt tttcacgana gcacctggga 420
 ctgattccca aactgggatt ttggctctca atcttttagt gaaggnatgc acncaggaaa 480
 aggatcccc anaaatgggt acttctgggt ttgaagtctg gttgactggt tccctnttga 540
 cactnccctc tgggcccagc tacattgcca gaatanactt ngagtccttg ggagcccagt 600
 ntttgaaaaa gggacattta anaaacccca aaagngaagc ccagggcgca ttgccttatn 660
 aaaaggggca ctttggggag ggcaa 685

<210> 640
 <211> 684
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature

<222> (1)...(684)

<223> n = A,T,C or G

<400> 640

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cgagggggcc ccttgagata tctcgtctct cggtagtagt gtttnactcg ctatcctnng 60
cacgcgnaaa anccagnctc tatagntntc nctnggagna gcgcagcttc acccaaagct 120
ttggtctttt tcanatgaac atnttctagc acaganatca tcngtnctat nggatagata 180
tgctcaccaa cattgcattg ncctgaggag taattcngca atngagagga atnctctcgt 240
gtttaaaata gnctcanctn gccatagnct natntagnn gttcgngcac acaagcaaga 300
ggaaaagactn cccaccacag gttngttacc agccggggta acanttaatt gcgcgggggt 360
aaacacgccca agnaagggtt ctaacnttnc ttttttcccc tngaccggcn aggagcgggn 420
ggaattnggt tatcggcgca gcggtgncaa cggtggccnt ttcgaggggg ataaagccaa 480
ggcaagctcg cnaccagnng cggaaaatcg aattccaaan ccaanagccg ccttggggtng 540
gggccccctt ctatttttga cncncattgg ggngtcctng ggcgattttg gggnaccccg 600
gaggangnaa cntncntggg tnnaatanct ttttttcggt nttttatnaa aatttnaaaa 660
tnccttcccc attgggggag attt                                     684
```

<210> 641

<211> 595

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 641

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ccaggcacca gcaatnntnc aaccagtgga accacttaat gtccttagna acaggacttt 60
ggaggccaac ttcaccaaac tggggaggac cattttaaata cattgttgga cctgtgtgga 120
ttcatgcagn aagnaacggt gctgggttac acttcgcga aggttcctgc ttctggggac 180
agctccacag acgгнаagct gcacagtncc gatgggnagg aacaaggacc atgtgactgc 240
atcgtcagta cttttcggnа ctgtaccatc tgaccacctt gcncagcctc agcctcgtgg 300
tcccagcatt tncagtccat nttaaccacn cagctatgtt gggcaaaacc ccttcctcct 360
aagttgntct gtggcactct tcaaaaaaacc aaatgactcc ccagtcacag ggaaccacat 420
gacttcagcc cgattannca gctcacctgt catctgagcc aggcagtacc actttgntct 480
taactgttct tctccaaagg gctaaaaaac ctcaagtcct gntgggggtg aaacagctct 540
actttctgga aaatgatctc cagaatacac taacttttnc atacttttat ttctt 595
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<210> 642

<211> 592

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(592)

<223> n = A,T,C or G

<400> 642

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actgagggtt ttgccaccc atcaaaggct cttctgatgg agaaggnagc tgtgactcag 60
agatggacca ctcanatgat ggagctgcng aagcnnacng tngggacant gttgnatcct 120
gtgaggaaga caatgaacga cgccncanag tcnantgcct gggaccaatt naggcctggg 180
cagatgccat ggcanaaatn cttaacaaaa ngactcctaa nagcaaagcc accatcctca 240
ccanaancaa ngagctggag aagganaagg agaagctaaa gcagganagg ctggagaaaa 300
ggaagcagct tgatnanaan cgngantggg aaatgctgtg cagagtgaag ccanatgttg 360
```

```
tcaaagacaa agaggcagag aggaaccctt cagaggattg cnacaagggg tgtgggtgcan 420
ctcttcantg ctgntcagaa acaccantag gaatgttggc gaanaggtta aggaagcagg 480
aggctccgtc cgcaagcgag ccaagctgnt gtcaactgtt tncganaagg atttcatcag 540
tgttcttcga ggaatggatg gtacangtag gaacagtcct gctgggtgct gg 592
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<210> 643

<211> 589

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 643

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atttgcaggg ctacatggnc tcctgggtggc tgtggggctct tcgtgccgct ttcttcaggg 60
agcagggaac accggagctg aggccaccac attgcacgca gctccccagg gtgcagctat 120
ggctgtcagc accttccgaa agctagatgg gatatgttgg caggtacgcc aactctttga 180
gaacacaggg gtccctggcc gcttcttgtt ccaagtctca cgggcccgct gaccagtgc 240
tatgggtggtt gctgagactg actatcagag ctttgccatc ctgtacctgg aacagggaag 300
gaagctgtct gtgaaactat acgtccgctc actgccagtg aatgactctg tcctggatgt 360
gtttgagcgg cgagtcaggg aagccaacct gacagaagat cagattcttt tctttcccaa 420
gtatggtttc tgcgagactg cggaccaatt acacatcctg aacgaggtgc cgcgataagg 480
ccatctagtg gagaagctgt ggacagtggg ctaccctcan agagttctga gcacacctgaa 540
tgcactcttg gagtctctcc tttctgtccc cagaagcacc cttcatat 589
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<210> 644

<211> 583

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(583)

<223> n = A,T,C or G

<400> 644

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gaactgagat tctaccatgc attttacata tacagcacag ctcatatcat ctcgacactg 60
catctccata ggactgctgg aaagtgctgc tgtgcatcgt ggagcggctt agggctctcag 120
gaaagcagta gggagctgta actctgaata acccagagct nantggaaaa gaggcttatg 180
gaggagggcn taaagataaa agaggcagat tagacaggaa gaaccacanc ttgggcttgc 240
tgggcagcag gtggcagaca tgattgaaga cagacagtcc taggctttag ggccatgtaa 300
ccaaaacact tgagagaaaa ctacatacna gaatgtactt gctgtcagcc atgtgacaat 360
gccccatgtct taagatgtgt gggttcagaa agaagtgatg tgcttgacac aggatccagc 420
cataacccca tgtgtcctga ncatcaagac tgtgaggcca agttgagctt agcttctaac 480
accagatgca ctagtgactg gagcaggcca gtcataaaac agaccaggaa aggaaacata 540
tacatcaagt tngatgagca ccanccaatt agaaagggag gcg 583
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<210> 645

<211> 583

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(583)

<223> n = A,T,C or G

<400> 645

```
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acaggaggca agaaagcagg acatggagca agaaggacga catgccgtga ctccgattcg 120
aaccgagggt gctgcggcca caacgcagag tactaaccac tatacgatca cggcgagcca 180
ccgcgccccg cgacgtaaga cgtgacctgg tgcccggcgc gtcgggagcc ccgccgagcg 240
cacgcgcctg ggcgtcagct ggaccacca cgggtgagggt gaggtccgtg cgtgggtcgt 300
ggccattctt gcaggcgagc gaggagcccc ttagctatct tccccaagcc cgcgatagac 360
ctccatcgcc gtcgtctccg cggggggcgg ggcacctcgg gagggggcga gctgctatgg 420
ggtcaagcca gccgntccac gggcgcttct anaagcaagt ccaggggtgt aaagtctcta 480
ncttttctac atcaaaaagaa cgcaanctna nggtgnaaca aggntcctat gatanccgtt 540
tacctgtgtt actaaaatct cnagacttgt aaaaaatata aaa 583
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<210> 646

<211> 582

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(582)

<223> n = A,T,C or G

<400> 646

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tattgctgac agcatatctt ggccagtanc aagaanacnc aacttaatac tggagtgggt 60
ggtacangcn ggtatcctca tcccnaggac attgtacctg ngatccaatc atgatgngga 120
agcatnntat ggaannacaa atatgccttg anagangnnn tacaacgaag ccagaagtgg 180
gntgtgcaca nanagaaggn tcaaancnaa atgcgcnaat ctggctggct cccagacnct 240
ctncctgtta ngtgccttaa tgacngacca naangcngnt ctcaccnnaa tggcnttctn 300
tgctctttac anagtgcctg gtgactatct catntatnca atncagtgc ctcnnanaan 360
gaagctangn ntgagaangg tcaagtggca ttcccagaat caaggaaaag ttattaagaa 420
gtggaacca tccaggccac tgtcccaaaa taagcatttt gagaacaggt agcatgggac 480
aggccttgga gcaaaagaat atgtcctgca caacggtcac caggactggc atgtgacttg 540
tccttcaaga cacagggttc accagtgtgc tggcgtgcta aa 582
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<210> 647

<211> 581

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(581)

<223> n = A,T,C or G

<400> 647

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gaccacggtg tgggcactgc gcncaatttg tagcngtaaa gaaggngct gttgggaaaa 60
gccattcgna tcagtgtttt gctcgaatgg naacagcccc tgcagnacag ggggtccagg 120
ggccatggac ttctaccgc cgcaccttc gggatcatgc ctgggtagga gcngaaggaa 180
accaaagggt ttgncanacc ctntaaagna gcttgccnga aaaatggggn ctntgcctcc 240
ngaactctgg ccngaattga cctnnatnaa gccctgtctc nacctatgnt atgaccnnat 300
gtgancctgn ctttaggagg cattnttaga gattntnaag ctccantgca cctgtcctnt 360
ntncngnaca tanatgttt nangcattcc ctgntggaga gganggcana anttgcatgt 420
tagaagtngc tgganacatg atggnatata agagaagctt cctgatccag ggagataagc 480
```

gccccatcctg ggaggcctgg gagagccaca tcctccggga ggaaaaggaa ggatctatga 540
gtctgtcacc agtcccatcc aaaacgacct gaagccctgc t 581

<210> 648

<211> 580

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(580)

<223> n = A,T,C or G

<400> 648

actcacaacc atcatcaggn atcctgtctg cacacagtca cctgctttac catcccaaca 60
gggtcaagtgg tccatgcaag ccaggcctcc tgaccactg catttggtgca gagaaccctt 120
gactcgagcc cgccagtcct cgcctgcctt gagaatgaga tcaagggcag catctggccc 180
agaggagagc ccctcaaaaa agacagacca ggtcccacag cccaccctag tgggtggtact 240
ggaagacatt gccagtggca gacaaccagc agagggtttt gatgaanatc agcccaacct 300
cattgtccca ncacaaaaca ccttcnnaag nctgagngna gccggagaag cantgncaca 360
aaaggggtct ggacttgnaa gcacgcccac ctcttacttt gtcncttcac ccttanagct 420
gagcctgtga canaagctgg tcagccaatg cctacaccna gngncctaca accccnanc 480
naactgtata ctctacctgc nnatactaca tngaggacan aaccagatcc tgctctggag 540
accccgngna tttnaacatc gttaagcctt ttacgacccc 580

<210> 649

<211> 578

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 649

cctgtttgca cggcaacagc ctgactncct gcattttccg accggaattc ttgccagctg 60
tataccctta accgggtttg aaaaaatggg gatgaccttt ctgcggggnc agcacacaca 120
tggcagcang cacagctgcc gggcagacac gtganggaat gttcaaacac acacatgctn 180
caaaaagagat gttcctggga acaatgagat gcttgtttca nctgaaatta actgagagag 240
gaaagagggg gccagcacc cgctccggng tgtgttgaaa gaagcgctgg tgtggagctg 300
gngggcaggc aaacancctg ctgtgtgaag cettgcatcc gtcancaaat ttattcattc 360
cctttggccc atgctgttcc aagcacctca cttgangaag taactggaga tgtaaataat 420
ttgtgagcgc taaaaagagg tttatagtct gtngtccttc actgngttta tacancaaat 480
gnctgacggt nggtgggcaan tnaatggnc cttgctgntg nagttgtcat ctggcngcca 540
ttgmnactta aaatcgacga ncttataaac tgcaaata 578

<210> 650

<211> 576

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(576)

<223> n = A,T,C or G

```
<400> 650
gcactatgaa cccatgttca ccgaacaaac catatctggg ttgctgatgg ctgaactaca 60
acttcaggct gtgaanagac atctgaatgt tgcatacatg gagtcggaat tacatggggc 120
atatctctag ttccctttan cagtcacatctg ctgagttctgt ctgagnttac atctttgctg 180
acctcctang tgcagcggtt tggaatgcac ntgcagaact tgcctagacc acctgggtgcc 240
caccgacccc gacactctgc ctttgtnggg ccccatccc ccatatgttt ggtaaatgta 300
gtgatttatg gcttcttttg ttttgtgact ataaaaagt caagtcacct cttcncagn 360
ggaacaggac attagggaca gnccaaatnc ctgctnccag acacaggtac tctcagntgg 420
cccangaaaa gtggctttca ttccctttgg accaacaact gtgatgtggg acctcagaga 480
tgatcatctg aggagtcac aggattggaa ccagggtgcca gcaccagncg tctccatccg 540
tgntgtatct cagagtagat aatggatttc ctgatc 576
```

```
<210> 651
<211> 576
<212> DNA
<213> Mus musculus
```

```
<400> 651
gactgagggtc cttgtgcagc gacgtcttcc cctccgctg cagccggatc gcagtctgga 60
tggctaaggg cagagccgga cggagtcagc cctggtctag tcaccaccgc aaagggggccc 120
caaagggtcac tccggtgaac agggccagtt agaccaggc cggcactcac cggccgtcca 180
ctcctggcgc tggcggtgtg ctgaggcgct catctcatag gtgcggctgg cagtcttcac 240
acaaaacatg cagcgctttc cttcgcggtc cggaagcacc tacaggatgg ccaggccaa 300
gtgacttcgc tgacatagga gccacatctg cccagtagt acccagctc cagcttcctc 360
ctctttctct tggctgacca tcttctctgg gaccgttcc accctgccag gagtatgcat 420
ggctctggggg ggatcggttag ttacggggtg cgtgcgagcc actttattct tggatctct 480
ccacaagggt tagtacatag tacatgcttg aacatgtgcc tggagcctca ctcagcacct 540
acaacttgct gatttccacc tggctcttta aatggc 576
```

```
<210> 652
<211> 575
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G
```

```
<400> 652
actgaggaac agtggctaga ggggtgccctt cccagcanc atcgtcagg aactcattag 60
aaatgggtga cagaatgcag ccctgatggt tcagatatct catcctgctg gcacatggga 120
gagcgaaaca gaagccctgc ctgtcactaa aacacaccct ggtnatgtgg aaagtggctt 180
gaaacatctc ccaaagcaat tgtagcctaa agatgattat gagagtgagc agggtagaca 240
aggcttgctt tccttagtag actacaggga gaactcggca gctgtccaat tagctctgac 300
aagaagggtg ccaggagttt agccactgtg aacaaactga tggatctccc acttaatgca 360
tagtgtgcct tgggatagta gttaattaat taggatgatg tattagtcac catggtaaac 420
aagacatttt aaaactaagc gtgtagtttg aactcagagt ttaaattgca ttggaagcca 480
cacagcacat cagccctctc acagtgtggt ggtaaagtgt gacaggtcct gtccagatgc 540
tcccagaacc tcacttcctc ccagcccatt gtgag 575
```

```
<210> 653
<211> 569
<212> DNA
<213> Mus musculus
```

<220>
 <221> misc_feature
 <222> (1)...(569)
 <223> n = A,T,C or G

<400> 653
 tgtttggaga ggggacctac ctcacaagtg acttgagcct ggccctcatt tatagtcctc 60
 atggccacgg gtggcaacat agccttcttg gcccgatcct gagctgcgta gctgngtgtg 120
 aggtcatcga tcatccagat gtcaagtgcc aaatcaagaa gaaggatnan aggganatan 180
 accggagncc tggcatgaat naagcanatc caggccggga gaagatcncc gntaaaacct 240
 ntgtagttag cagaanccan nttcctgcag ggngaagtan cgngcgtggg gtattgccng 300
 aagcagccca anagggcctg gancnagctc tgctggatgt tcanccantg gttagtnatc 360
 atgatgtcna tgtatntgct gctgatgctc atagttagtg tcaccaacnc ctctgngatc 420
 caccacttgn ggantngnga gaagaganga ncnagnggc ttggagtggg gccactcacc 480
 gtgtgcctta tggaaacttg ncctctacct actgtgtgtc acatccggnc agnncgagtc 540
 tggggaccat ttgcaggggt gcacaggac 569

<210> 654
 <211> 568
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(568)
 <223> n = A,T,C or G

<400> 654
 gtatgcgtgc cttcaaggna aattctggnt tcttagngc cagaactccc tcttgggccg 60
 gtagagaaag agaattccat ctccagggtc ctggctgacc agcctcaact gacatttgtc 120
 agttacaggt gatggcgctt ctcccatata tccccacgag nagagcanag actacagctt 180
 tagactcggg gcaaccaggg gaagctggag gcctccaccc aaagttgtaa tttccaacgg 240
 nttgcattca acttgtcata caagtaaaac caaagcagct ttgcaggagg aggagcacct 300
 ggaggacgaa ggagccgaaa cagaaggaaa gatgtggccc tcaaggngga ggaacagata 360
 ctgcaagtca ggaagcttct ggcaggaagg aaacagaggg gaactcgagc ttgccacagc 420
 ctgggggctn aggttaagga agacntgagc cccgagagcc tctgntctct ntgtctcaca 480
 ggactcagcg accatgccag cagcctggca caagcctgtt aacatttctg nctactgttc 540
 ttntgtttca atacttattt ttatttta 568

<210> 655
 <211> 555
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(555)
 <223> n = A,T,C or G

<400> 655
 cgagggaag gactccggac cgnaccgng ngcggggctc cagnctgcga nncantcgtc 60
 catngaccgg ccngcnnng cccaataggt ccaanagggt gngagcgacc tgcagagcat 120
 ncacaagagg ggagggctga cantatacac ctacagaagg agcagcangt gccccctgga 180
 gcngacaaga angcatgaag atggggctgg catcanccac tgacttccag attanaggct 240
 gttntgnann caggacgtgg tgcctcncct cagtgaagnn canattttat gttgtntnng 300
 ntacncttta naganantct taanactgaa aaagactctt ctgtcctgnt nnngaactct 360

```

ggatcctntt gcttccatcc cacaatgctg aatgtgcana tgcagatgtg agccatnccc 420
nagngcaatg cttttgttct ctgatagaag gcagatgctc aaggagagtt accctaacia 480
ctgcagctcc caatgctccc ctacagcaaa actggctgga atggagaaaa cccaagttaa 540
aaagatgagt tattt 555

```

```

<210> 656
<211> 551
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

```

```

<400> 656
tgccttgatg ataccggagc gaacctctga acgctgtacn tagcagncaa tgcnntgtcc 60
gtccatnatt natanctacc antgnggctg atgnatagta nacgaggctc nnaagccata 120
cactnangca ctaatctaac acngcnatgg gcacatcgga caagcancat tgaccnnncn 180
atcncncctc nancccnchn cntnnngtgn cncannagn ttactttncc gntgggggtn 240
ggatgggang gnactggaca ttttggtttt tctgacagcc attcagtccc ttacacctga 300
tacgtattat ctacaaccta cctacatagt ctagtctatc cacatcatga tctcagngcc 360
ttctaagata aattttattt ctttctttct tttcatgttt gtttaggata gtctaagaaa 420
aaaaatccta caagtacaat aatatacacc ctgatctgtt ctgtcagcag ttatttggn 480
atttacattt tcttttatta aactttaatc attataactt aaattttact gaacaagaag 540
gtatattgaa a 551

```

```

<210> 657
<211> 549
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = A,T,C or G

```

```

<400> 657
tggtagggga acttgtgcnc tnggntaagg gctntnaatt cnttaaggaa gggccaaaag 60
ggtnnggggtg naaaaaagcc ccnccagtgg gccagttgga gggcccttcc gganggcttc 120
accaacagtg gcgggaacnc ttattaacac ttcccagggc cttggaaggg gggccantag 180
gggagggggg gagacttttg tcnggagttt aggagaaaca cccttataga aagcaaggnt 240
tgtnnggtgg gagncccngg gnactcttgg gagaagaaag ctgggtgaga ccacaggggc 300
tttaaggag acatttaaca cccccattt cccactgtg cgnctctnt tcggggnac 360
caccatgtta accagggagn caccctggna cctctcaaaa ctactggcga gcanctgtgg 420
agtgtgcacg tggctgagaa aacatgaggg agngggncct ctacctccac cctanacacc 480
tgccaagacc tccaaaagga gatggnaccc cccctgtggg aaaaaaactg cctgagcaca 540
ttgtccaac 549

```

```

<210> 658
<211> 547
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature

```

<222> (1)...(547)

<223> n = A,T,C or G

<400> 658

```
ctccccctctc cactactcta ntgntnntga nacnctanac acaaggggaac ccaaggaagg 60
aannggnann gagccctggg cgctggcatn atggagtnaa cgttgcctcc tggacanaga 120
tctaanatcg agacatnctg ttntcaccan ctgnccatga cacgangcat gatagngtca 180
gcgtcatggc aggaccacac tntgaccnca atggcttnag agncaccgtg cttccttctt 240
natnnatatc tcnaaccnan cnctgatgcc ctgtnttnng atggatnang acgcgtggcg 300
gtggangtca cataaagcnn tntatntgct nntnttncca atgngggcac accaactaaa 360
tctcctttgt ctgttttcac taatgtctat gtatttaatg tactgtggat gagtggcaga 420
gcctgtgggtg ttagccctgt cagagctcag gctttgacca gaattactct actcacaatc 480
ccagtattgc cacaagttta agactagcct gatgggctgg agaaatggct cagagggttaa 540
gagcact 547
```

<210> 659

<211> 539

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(539)

<223> n = A,T,C or G

<400> 659

```
taccttcctg cctaccctac caacacattc cgtcantagg gaggattctt ctgcatgcat 60
tctgcgtnc a cgnngnncaa tattanaaac catgattttt ggcttaagtc accctcaatt 120
ctgtttctgg tagacggnag catataggaa cctaaaatgc tttgggcgaa gcagcaacag 180
ccaagccctg actcatattt tcacaaacat ctactacttt ttacttttaa ctcaagaaac 240
atggctactt agtagctgca tgagggacat ggtcttggat tctgccacca acatactgac 300
atctgagacc ttttgactca tctaataaac ttcttctcca gggggcttac attcctgtta 360
catgtgggtg actgagataa tcantgctac agttagtttc ctgctcanaa gagaactgat 420
gtcatttgac cccccaccta catgccctaa attgaaaaca aactacaaaa agnnttactt 480
atctatgtcc tcatgatacc ggaaccaaca ttaaaaacat cngtggcttt aaaaaaaaaa 539
```

<210> 660

<211> 538

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(538)

<223> n = A,T,C or G

<400> 660

```
ttgtgggact ggctaacgcy gggaaaaccc cattctgtat cagttcttaa tgaatgaagt 60
agttcactact tctccaacca taggaagcaa tgttgaagaa atcgttgtga agaactca 120
tttccttatg tgggatatcg gtggtcaaga atctctgagg tcatcctgga acacctatta 180
ctcaaacaca gagttcatca ttcttgttgt ggatagcatt gacagggaa gcctggctat 240
tacgaaagaa gaattataca gaatgttggc ccatgaggat ttaaggaaag ctgcagtcct 300
tatctttgca aataaacagg atatgaaagg gtgcatgaca gcagcctgaa atctccaaat 360
acctcaccct aagttcaatc aaggaccacc cctgggnaca tccagtcgtg ctgtgcgctc 420
acagggagaa ggggttgtgc caagggctag agtggntgac ctccaggatt ggtgngagat 480
aatttttttt gcttgaaaaa agacttcttt nttttattcg gngatatgaa catttttt 538
```

<210> 661
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 661
ttactagtta accaaagngg gacttcttgn gangcccttt nagcannacc aaccaggcta 60
ggccacaaaa gggttctttnc ncacnagnng ggaaaggcag gactngcaat tcacnccaca 120
nagtagcnaa ggcnacgggg gccttgaggac actnaggacn ccccttggtc ntnatnatta 180
ttaggcagga tgnaggcgca cctttggatg ctttcatagn cagggtgctt gccnacaacn 240
aactgggagc tgggggctng taccctagaa gatactgtat agntctgctt gngggatgac 300
tgcggccccct caaatgngna cagtgtctat tgctggncgc taggggttgg ggagaaagaa 360
tgngcctact tctctncctg cnaggggact gtgatgatgc aangnnggcg gngcgtgggg 420
gnagttgaac attttgtgaa tgtgnggggn ctgtcccnct ntntantntt gnagnaagcg 480
ggggattgga tggnaaagga acacnnacat taaggnggggt tatttgtgga gtgaaag 537

<210> 662
<211> 531
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 662
agtggggtct ttacancacc agnancagct cctctgggca ctggnacacc tgnagcctgc 60
aggnaggggt cgggctggca gtatacctgg ttcctggcac tcttgacctt cccagtggcg 120
gtgataagga gacaggggca tgttgagcac atttgccaca gaggctgcct cggcttacga 180
agagctgaaa accaggacga gcaggagat cacttaacct caccctgctt gaccactttt 240
ccagaatgaa ttncnnaaag aatancgang aggnccganga cgtntnggan naannngacc 300
tggcgcaaga nagagctgac cccctaccgg agggaaatga ctttctggta cagaggaatg 360
caaccacgca aacattctgc angagntcat aaatctggat gtgctgagca cacaggagtc 420
accgtcttca cagaacatgg aaagatttaa cacattaaga ggaaaataac cacacangaa 480
tgtgnattaa taagtaggac gctaacatca acaaaggctt ttcctttgta t 531

<210> 663
<211> 522
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(522)
<223> n = A,T,C or G

<400> 663
ggacaggacg agatagacgg gacagacaga tannncacat ncgtctgngt ngctgnctcc 60
tgcnnacatt aacacatcng ntacatgnen tgtcaacgtg nngcatgngc ctggcattna 120
cttgggnccc tggntcctgt cctctgaccc tttaanagng nttngncacg ncnaanggtg 180

```
ctacntaagn tgnncnanagc nacagaangg gcacttntan gtctcnnaag gttcaccttt 240
ggctgtntctg ttatgcaaag gcaggccccc tngaaatctn accggaaggc tccagnccctc 300
tcagacagaa ttccaccctc ctccctaaatc tagtcttcat tcccagcata naaagacac 360
tgcttttttct ctttctgaaa accagccacc caggctgccc ccggcagccg caagtctttt 420
cctactgcac aataatgaac catgcaagtg ttanaaatat aataagctca cccggcgaat 480
atcaaaatgt atggaatcgn attttgcatt aaacacacac ta 522
```

<210> 664

<211> 521

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(521)

<223> n = A,T,C or G

<400> 664

```
aaataaaaact gatagatagc atggcncctt tttggccagc attacactgt ttcattggtga 60
ttcttgatcg ccttggatct aagggtatggg gtcaacttat tgaccctatt gaagcatttc 120
aaaccatcat taacaacgag agctacaaca gagagatcca gaatatacgg aacagcctcc 180
ataaggacca agttagaacc ggagccacat tttgatgata tggtgacgtg cagccagatt 240
gtttataact ttaatcctga aaagaccaa aaggattctg ggtggagatc agccatttgt 300
ccagattatt gtccaaacat gtatgaagaa atggaaacat tagccaatgt acttcagtca 360
gatattggtc aagatatgcg tgttcataac agcacctttc tgnngntcat accttttgtt 420
cagtcactca tggatcttna ggatttgggt gnggcttaca tagnagaagn tantcatcat 480
ctatactcag aagncanaga tgcctcaac caagacagaa g 521
```

<210> 665

<211> 519

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(519)

<223> n = A,T,C or G

<400> 665

```
aaagaaccat gccggnctct ctactactgg gcttgattgg ggccctgacg ctgctgtnga 60
tgctgacgct gctgnccttt gctgnttatt caggactgca tgactggggg agacagtgan 120
ccgctggatc accccaatc cgcatacataa ttngggccta caagttccat gnggggtntc 180
atgngnacac tgggnacctt ttnacagaga gctgcagcta tctctccaa gctccgttcc 240
atacgtgtg tactatgaca accccatac ggtgcctcct gataagtgcc gctgngcagg 300
tcggcagnga tcctgagtga gggggaggag ntngcttcac ctgatgtcat ccacctctat 360
cagaaattga ggcttaaaga tattatgctt cccannacnt acnnatgggg tcatangtac 420
cttgcccttac nccaccenca tancnatctg gntggntctgc ccgccgagtn cntnctgcat 480
tggatnccta catcaaggag cagatgctgt gtgcaccgt 519
```

<210> 666

<211> 502

<212> DNA

<213> Mus musculus

<400> 666

```
gactgagacc ctctgcagaa gctgaggggtg agcagtacat tcaacagaag agggagctgc 60
```



```

tgccctcta tgcgaaccag ggcacggagt cccccagcac caggccctcc acaccttcgc 120
cttccccgga ggactcccag agcagtgccg aggggaggac tttagagttc gccatcatcc 180
cccgcttgt ggtgactgag gatacagatg aagacacgcc ctccatgccg gatgacgcct 240
cagactcttg ctacgggtacc ttgattccaa gctccccgaa ggattctcat tccccctga 300
acaggcttcg gtccaaggct cttcgtagag accctcgctt cactttctcc accctggaac 360
tcagagacgt ccccttgccg cccagcctc ccgaccccc aagctccccag cggcgaagcg 420
ccccagagtt gccagaaggg atcctaagag gaggcagtct acccaggaga gccccaccaa 480
tctggtcgga ggaggaagac ga

```

<210> 667

<211> 501

<212> DNA

<213> Mus musculus

<400> 667

```

gaactgagac tatgaaaaag aaaagacaaa aaggcatgat tggcggcctg tgccttcctc 60
ttccctgcc aatctacagag ctgtctgggt ctgtgggatc cgaaacata atcacaagtg 120
aagagtcttt agaattctgc cagacttgga ggtcagaggc ctgttctgca ggttagagga 180
agcccccca gcgtgagtcc tgtcctacgg atgctcttgc tgaactacca cccggaagga 240
aaggaagtcc cagaaagggt ggcgccagag cctcgaagta cgacctatgg gtgggaaatg 300
ctggtcacag aacctcttga cgctctgggc tcctccagaa cctccaccat aagcatcgcg 360
cctgtgccat ggcctcctaa ggcgagggga gtcttgacct ttatcaccac cgaagctctg 420
agacgcctgc ttaaaacggg gccaaactcta gactgggagc gattcaatgc aaattcctct 480
ggtcacctgt aaaaaaaaaa a

```

<210> 668

<211> 501

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(501)

<223> n = A,T,C or G

<400> 668

```

gactgaggcg ctgtttngct atgtagtcca naatagcatc aaattcgtgg ctctcttctc 60
gtctcancct ccagaaaagca catcagcttc acagtgtgtt tcaaagaggn tgagggcaaa 120
gaaactcttg acctttgggc aggctgntct gccatttct ctctccaggc ctggcggtggc 180
ttctaccaat gtttgaggcc ctganaagag cacggggtgt cgctccacac tcctcctgac 240
ngncgacaat gatccagtca caggagacca tccatcagtg tcgggggaaa agagtggccc 300
taaggatcct ttcccgacac ctcttcgaag ctgctgggtg ctgatgggca agacaaggaa 360
ggatgccagg ggtgggcaga ctcgggaagg caagccctgg ctcanaactg cggacgcctc 420
tcccgaatc cctcaggctc cggccagtgg ccacgatgat gaggctctca tctcgaaaaa 480
gctggtgcag cggccagggc t

```

<210> 669

<211> 498

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(498)

<223> n = A,T,C or G

```
<400> 669
taggaatgga gaggatgatg gctcatctct gngaaaacta tntccatgat tatagcaacc 60
tcctctgcca nggggncnct gngttacggn gntcatggat gcatgccacc tcttgctctg 120
ctcttcttga gtgcgntttg gccttaanaa cancgaggc acaggngag gcacaggcac 180
ccattggtga gcaggttcca actctgaccn cttgggggga tgntcngacn cctgnntgaa 240
gcttttacct cacncaccta cagantanca caggaacagt atgtgaaggn ngacaggaca 300
ctggttactg atgaagcttt aaanccttnn ccanncggtg cnanccnntg gtaannacca 360
gacccccaaa gaaanagggg gctatgcaaa cgaggtggcc tgtggtcttt gactttctgn 420
gtgntangtn tgtgcgctna tcacggnctt gaacantgta caanagggtc aacaaaggcg 480
aaaggtagca aagatggt 498
```

```
<210> 670
<211> 498
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G
```

```
<400> 670
gactgagcgg cattttgtng cccttggaac cttctggccc agacgattga gaagcggaaa 60
aaagactctc aaaatctaga agtcagtggg cttctcagat atttagttta tgggttgnta 120
cgtcacagga ccacntgngt cactacctct ncctcttcat ggnatacgtc gntccctcct 180
gaggttnccn cgngccngcn gcannaggct cctgcnggat cggctgttnt ntgccccnac 240
tnttctgctg ctgtccnncn tncncatgan ctcgctggng gggaanaacg ncagggtntt 300
tgatgncnan angangagtg gnntctggcc cacactgcag ntgnactgga ggatgtnngc 360
acctttgcag ttcattaaca tcaactatgt gccctgcag ttccgggtgc tctttgccaa 420
catggcngct ctgttctggg atgcctacct ggcgtctctg gggaagtgat gtcagataca 480
ccgcgggatgg ggtctggg 498
```

```
<210> 671
<211> 490
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(490)
<223> n = A,T,C or G
```

```
<400> 671
acaagtacgc gcggcttcng acctgactga catnctacg ngcggccgac tggggccacc 60
tgtgaccatt ctacgctaag tgctgtgaan agganttgcg nctgcacaaa anagcccggg 120
agcaatgctn caacaactag ccacagggtc tggggcaggg ggcanagatc ccggcctggc 180
acaggatctc gcgttgtctg gngaaagagc ggcgctgagg tctttacggt ggcgttgttg 240
gaaccgcccc ccacctctcc tttaaatctt ntttctttct tctttttttc tctgtcctct 300
cagcctcagt gtagacagtg agcgaaagag ctcaaggccg gcagctctgt ggaagagtta 360
tggtgccat ggctgcgcag ccggtgcctc agagtgcag tancanaagc cacaccgtcg 420
atcggttaaa gatgctaggg tttgctttgg ccttccccnt tttttatgat gctatgcaaa 480
ccaaaaagcg 490
```

```
<210> 672
<211> 488
<212> DNA
```

<213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(488)
 <223> n = A,T,C or G

<400> 672
 acgcgagagc cggaccactg gcnggaacct actntngcga angctgggat ctncattggg 60
 agctgccctg aggtaggtan aagccantan gagcacactg ncccagcatg gnaaanatgc 120
 ntatggggaa gnnagctagg aggggagatc ggnnctnngg cnactgcagc ncgntcagcc 180
 cctgtaacca aanagtcac ctnctgaga gcctgncttn nntcantnga tancanataa 240
 aacccctnaa ctatgcctgc ttgnatgaca ttgnccacgg agtcaaggac ttgagcacnc 300
 agttgntacg gaccgggacc ctgtctcgca ngagcataaa ggcgctgct acacctgntt 360
 ncgccacgct ggggagacca ccctggatcc ctgagccggt gnagctcca agacngcca 420
 gacggcaagc tctccgctgc ctctctgccc tcttacttgn cctcggcagg catggcgga 480
 ggagccag 488

<210> 673
 <211> 487
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 673
 gcagttgcgc atgggcaagg acccactaga ataacgagcc tncgntcaca gntccctgac 60
 tngatcatga gcccgggcca ctaagtactc acactacctg gcgatcgggt ncaagtacaa 120
 agaaaaagntg gcaanctgnt cacctacatc ggagtactac naggcctgcc ggcggtgctg 180
 ccaaggcctt cctcaaggta cggntnctgt gcaagcaagt ccacaggtga cacatccctc 240
 tcctgcgcac tcttgcccct ntagcaccgc tgtgtgttat gggcgagct nacttgcggt 300
 ttgcaactca cttcagggtg ctcatccca ctaggagngt catgccacca ttagtcacgn 360
 gtgaattgnt tgtcactctg tgtctcgtct cagtttcctc aagtacaaga ttttattttg 420
 catatcaa atgtgcattaat gtgtgtgtaa ttagacatgg ataatagttt tgcttctgtg 480
 ttacaca 487

<210> 674
 <211> 483
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 674
 gactgaggac attgcagaca gaggagaaaa gagagacgga gaaagaggtg ggcttgctgg 60
 ctttgacctc caggaccag tgtctaagca gaagggaagc tcagatccat ctcaatgcc 120
 gtggtagggtg acaacagntt gncagtcaat gtncnttcac ctacccatca tccctacccc 180
 accatnctaa ctttatagat gggaggccag agatagtgac tttctcaaag tctgccagt 240
 gngtaggact taaacttang aacctnatga cttctcaacc cagtaagaca ctactccatc 300
 gaggtttgact tgnccactg cagcccagg ngggtctacc ctacagacag acaggcacat 360

gccatcaccc caggggtgggc ttccctttgt cctgggaacc ccacctggag acttctcttg 420
 ncacctggnc ctctgtttt tctatcttgc cctgaagaaa aaatncagat ggactaccac 480
 tgt 483

<210> 675

<211> 482

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(482)

<223> n = A,T,C or G

<400> 675

actgagacct gttttcacat gtggcggcat tcttaccgga cagtctggat ttattggcag 60
 tgaaggtttt cctggantgt nccctccgaa tagcaaagt acttggaata tcacagttcc 120
 tgagggcaaa gtgggcgtct tgaattttng nntnatagac ctggngaagt acancctgng 180
 tctnctatga cttcgcggat gtgnactatg gccacgcaa tggncagcgt atcgggcgct 240
 tgnngggcac attccgacct ggatcgntcg tagccagngg cancatgat acggtacaaa 300
 tgatttntga cnccaacacc gggggaaggg gntnnatggg aacntactct gccgctgcgc 360
 cagatggaaa agganaccnn tattgcggag gacgccttga aaaaccttcc ggtaccttta 420
 aaactnccaa ctggccagac ngagattacc ccgngggagt tacttgtgtg tggcacatca 480
 ta 482

<210> 676

<211> 480

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(480)

<223> n = A,T,C or G

<400> 676

ccttacttcc aggcagnggc cattcatggc cttcttcttg aaaaatatgn acagtggatg 60
 gtgtntcttg ggaccctgga gaagtggcat gcctctctct tcccancctt cggggcgggg 120
 ctccaccagt ggaaagtctg taaaaaagga gtcagaatcc gcatncggac cttctctggt 180
 ggcgagnaat agcaggtcca cggagcagcg agtgaaaagg aaggatgact taggatgttg 240
 ntctcagacc cacagtagca cgaagctttg gaaggtggct gccatgtgac agctgctgtt 300
 agctcccgcc gatctggcag ntccattggn agnaaagaca gntgatggac tncncctgct 360
 tgggtggacga annaantggc agtggaagg ataatttctg cccggncctt ngaaaaggga 420
 tccaccgngg tcagtataaa ggacctgccc agcacttgta nagtaccgag acagtagcag 480

<210> 677

<211> 471

<212> DNA

<213> Mus musculus

<400> 677

tctgaggggtc agacatagaa gtatggttca cttggggggc cgggctgcac cctgagctgc 60
 cagcagttct ctacatggtg ctgaagacct tgaaggctta aagaagtcac ggagagcagc 120
 cgaggcttgg tactatgtga gatacaagcc aggccatcag gcttggaaga acaaaacagg 180
 ctggacaaga aagctatttc acctgctcag gaggagacac agctaagccg tgctcggcgg 240

```
gcacatcatg tgtaagatgc tgccccctgtg taagatccaa ccagcccttt tgggcctaga 300
ttatccacag gagggaaaata caagaaactg ggcgccctgc caagaaacac agactcttca 360
cctgtcaagg atcctctgtc gagaccctgt gatgataaag aggggacttg agagcctccc 420
caaccgcgcg tctacaacac taaaagcatc gaaggagct gatcactgag a 471
```

<210> 678

<211> 469

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 678

```
tccatgatgc cgtaantcac ccatgnanag cntcctgnc attcancnac nacctgctcn 60
caaggngatt cactacanta tganggaagc changgnang nctncntat tggaangncn 120
tntngtnaag aatttntcnt tcnacntgag gcagtgaaca aagaggaagc atggactggc 180
ttagagactg tacttcaatg caacataaan gagacaaacc tcacatccat agaactgaac 240
gtnttcagtt gagtcatcca nactgtttga tttcccatca aggacatcca gatgaacagg 300
tcccccaact ggtttaaggc cagtacagaa aatgtcttgg ggaaagggtt ctggagcagc 360
acgctctgag ccacttactt tctggcaggt gttcancaca ttgatttctg atcaagaaca 420
caaagtcttc agatgaatca taatgtccan atttaataaa gcaacagga 469
```

<210> 679

<211> 469

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 679

```
actgagatta tagccaaaacc atntgccata nccctcanca ttcaagccaa tggaccacat 60
actgcccagc caaatgccat tctggaaaag gttttcactg ctatancaaa gcctcctgnt 120
gaaaagagat tacaagggtc ctccaagcag cgtggacgtg ggatgttcng agcattcaac 180
gctngtttng acaaagacgc aaccaggaga ancccancac tctgaccagg ntctggnaga 240
gcatngggag attttccttn tacctctatg tathtagta cggagtccgg ttcttgaaac 300
aggtaggcac tgcctcaaat tccttcataat agcnttttac atggctatcg gcctatatcc 360
agtttttaat aggtgatgac ttcaaatact gtnacaagtt tccaaagaat taattgnacg 420
nttaaattgg atttatataa aaataatata taacgttcaa aaaaaaaaaa 469
```

<210> 680

<211> 469

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(469)

<223> n = A,T,C or G

<400> 680

```

ctgagctgag gtactggngc aagactctca cacagagngc acannagtna gaagcaactg 60
ancctctagg acgcgtgcg c ggnngcanga ccaggatctg cncntgcgca nttgttgnga 120
ccatggncgn cggcggcacg ctgnatatgg aacacggaga ctgaaaataa aagctcatga 180
atgttcctga agaanaaaagt atttcctttg aggtagaaat ggagggantt acaaganagg 240
ctcccctgct tccccatttt atgtgataa tgggacgtgn ganaaccagg aaagaaattt 300
gaggcaatct cctttaattg atgagaaaac accaggcccn ggaagcaaat tgtggccatg 360
ttaatttggg ggagcatttg agtacaaacc cancccttat accctctcaa aganttcctg 420
ggacnaacng cttccatggt ttttaactcag atattaaaa ttttgattg 469

```

<210> 681

<211> 467

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(467)

<223> n = A,T,C or G

<400> 681

```

gaactgagac aggtaatttc cttttctaag tggaaatgga aggaagcatt tcctcagnan 60
gtnantgctg aangagggct nnggtgacat ttcangcnga cctgaanaan cccgagggcn 120
ctnngnnact ggtagcacag ttaaatectc gtgtcctgca nagtcnnngg aactgtaga 180
ncnccntnaa cttgnangaa cnatttcacg cacgcttttt gnaangntc tggctcctna 240
aaaagccaaa ctgagaaaacn gacgctcatg aagctgtact ccagtttgca gtcctgggct 300
gaagacaatg gccatttaat tgcacacaag gtcaagatct tttgattggc aggctgacag 360
ctctgtagaa gtaattcttc atatggaatt cccttgaaat caaaggcatc atcatgagga 420
gattaaaaag gaacagctga gtggactgct catttcaaaa aaaaaaa 467

```

<210> 682

<211> 466

<212> DNA

<213> Mus musculus

<400> 682

```

acaggaacct agggctacag cagggcaagc cctgggcatt gctaagaagg atagactttg 60
ttctgtgaat gaagggccat atcagcaggt gctgagactg ggttcaaagt tcagtgaagt 120
ccatggctga gagaaggatt tgtcaacttg gaacagagtc cagtaggatg gaaaagagag 180
atacagtttg agggaagggc aggaggctca aagccgacag caagagcagc ctgtaaggag 240
agccaccagc cctcaaacc tgcgagatcc aaacctggaa ccattcgcca acgcagagtc 300
agagtggcat gtctgcctc atgcctgtaa cccgagaact ccagaggctg aggcttcagg 360
agctcaggtt ccagggttag ctaggctact gagagcaagg atgtctcaac cccagtaaaa 420
attgaaccaa actaacaagg aagtcataag aaggtaaaaa aaaaaa 466

```

<210> 683

<211> 466

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(466)

<223> n = A,T,C or G

<400> 683

```

attttcctgc tgttccttgg nactgttctt gtggaacagc aagnatatgc cggccacccc 60

```


<223> n = A,T,C or G

<400> 686

```
ggcaagacga aaaggggtncn tgcactcggg tagngaaacc ttncctttaag gcctnttncc 60
ccaacaagga aaggtctcta attatggacc ccttcncttt tcaagncnag gtnggttatt 120
tggcaaaagg aaaccaaccg gccgganaaa ggaagnaacn ttccccaag gggttngnag 180
ngggcnttgg gaccaagagn ccccggggta agcctatctt aaggttgcnt cctccctttt 240
tcnagggaag nggaagggtg agatcggcct tgnaaccaaa accggtttna atttttttta 300
cnccaatggg ttgcccnttg gccaaaggaaa ttaacctttc cccaaggtn gtagaatttna 360
attttttttt ttaaaaaaac ttggggggga aatnttttaa ggggggggtn tcccaaaacc 420
ttaaaaaant tccncnccaa atcctttttt tttaaaagg 459
```

<210> 687

<211> 459

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(459)

<223> n = A,T,C or G

<400> 687

```
attccgaacg ccgggggatn tcacaactga gngtctaggg cagcgaaggt tngtcacttn 60
gggcactctna ctctactggc tgtacanenc tttanacggc gcccnatgg ttagtantgg 120
nactgccctt actncaccac agtaagctct atncgtagga cgctgnaag caccttntgg 180
gagnttcctt tgnnagtaan aagaggnaac tgcngacgca ggattttaat gtntgggcaa 240
nnttaaataa cctggctgta aagaaatggt atatccaaga aaattcagng gagaaggcaa 300
gnaatnntna ccacanattc tgtaattgga aaatgcangg nagggaaaga tntttacatt 360
ngggatctta cnggactagg aggtccacac gnaaaggggc tgatatttga tngtctgtn 420
gntgnngcnc caaggacatg ttnggattcg aagtgcctt 459
```

<210> 688

<211> 458

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(458)

<223> n = A,T,C or G

<400> 688

```
gagaaccac gagctgatat ggaggaacct tcacagctgc acctcggtcc aaggcaattt 60
gcttaaagaa cttctaaggg aagggagagg gataaagcct tccctcccag gcaagcccac 120
cgattgccag ccaagatctg cccgcccgcc tgggcacctg cttctgcagt cgctcctgct 180
cctcctgctc agcctgcgcc ttctctcgag cctcctgctc ctcccgctct cgcgcctcgg 240
cctcacgttc agccccgggt tcagcctccc gggccagctg ctctctctgc attcgcttgg 300
aggaccagg aaactcaagt ttggnctgct cctcttcttc aggcactcta gggaccctca 360
cagtccccga ggtcacactc acttgaccct ttcaaactgc agcttaacga tnetgtntcn 420
cangtnccct ctgntccna gcctggcgcc gcttttca 458
```

<210> 689

<211> 457

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 689
 tgagagtgc tatggacacg ttaataaaga tgggtcctgt tgaccaagan acaaaatgtc 60
 cacactangg actggcctga ccctgcagac agcacaagtc accaggctgn taaccacatn 120
 cacattntgg gctgnggatt aacaggtgga aagcaccagg agctgtnaac cccaacccan 180
 accctaggac cctgaggcat tactgagaca tcaccgaagg ccangaggnt gatgggatgg 240
 gaagcatcag aactagggtt ntggggctat gtctgctgat gctgatgncc ctgnttcaca 300
 agncacgaan tcaagatctn acctggatgg ntcacccgag cagggtanac tgnactcata 360
 catttaatgg cacctgcctc aatttcagtg gccttggcct gtccctgccca aggagccctc 420
 tgcaggccag ccatgctcaa gtcctggacc tgtctaa 457

<210> 690
 <211> 456
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(456)
 <223> n = A,T,C or G

<400> 690
 cttcgggtga gctgtccaag naatcagaag natcgcttgt tggaagtgag agtgttcatt 60
 tggcctgtgc agtcatttct aatgcctagc ccggagctgc aaagacacct tcacagctcc 120
 ctcaggctgc ccctttaagg tgaccacagt ctctctccta ctctagtcc ctgagaacaa 180
 ctcaccctcg tcagtgaatc agttctttca cccactgggt atataaatag attcctgtcc 240
 atagtgttct ttgatacaat ttactcagc attttctcag gaggcccacc caccaaagct 300
 gagttcattc ttcatgttg agtagcaagc aatcttggat gtgaacgaac caggggngct 360
 tacctactta cattttggga aaaatatccc aagntatttt atttatttgg gggctattac 420
 aaataaagct gctgnngaac atttgaaaaa aaaaaa 456

<210> 691
 <211> 456
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(456)
 <223> n = A,T,C or G

<400> 691
 cttctttttac actgaacaag taccagggtc ctctgccttt tggagtgagt tcagccacca 60
 tgtcatcaat gactgtaggt ctgngctccc agggccagct tggagctgtc ataancggga 120
 aaactaccat caagatgtgc caatatgaga ctaaggaggt tttcaagaga ggggtggaaa 180
 gactctaana tccagaggnc aggaagcact gntgtacaat gccnnctcct ggacgtgaca 240
 gatcgtccat ngnactcatg agctaanagc tgctggccac ctgcacaaga tncanctggg 300
 ctgccatttn agcatgtgctc aagaatgggc acacaggccn nagctctagg tanggnacca 360
 aatcgctgag gactggctgn ggaggntctn aagtgcagtc cnatgngtgn anntctcctg 420
 ccgctgacgt caggccnnct ccgtgagtga ctacga 456

<210> 692

<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 692
cccttgctat gatttggcnc acgtgaaagt tccgtaaang ggtnagnagaa ctttctcttt 60
tcctttngga ccacctnaaa taaagggctg gggngangcaa ctntctgancc cntgtacctt 120
tanagggana gggagctntt tcaacatagt gtggccgagg actttacacg gtaccacagg 180
tgggataaan nccngggcac cggggccttg ctagtagaga ccatgaacat gnttcattng 240
cttgacatct gttgataaat gtngagacgt agctcatcaa gcacgctgta cctngcctgn 300
tgntccagng atcaccatng ngacggattg ncactnctgc tcngnattn nttaggaagc 360
ctggctctnt ngctntnacg acngggangc anggantgat ttgcngcnaa gcnnngagag 420
ttgggaacag aaatgtcctg gggagaacgg gg 452

<210> 693
<211> 450
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 693
acaccatgcg ccttttatatt ggacnngana ttattggggg nnnatgggtcc ncccatccnc 60
ntcnntcatn gctnnngnct gaacagggtca acantgtaga gngtttgata aaagtgagcc 120
tnacnccagg ggctgtcana gagaaggcgg gggccccngt gaggaggctg gancccgagc 180
accngacagc caatcctaag gaaggacact ggaanaaaat gggctgggccc aatttcggga 240
aatcggaagt cattcctcct cctcctcgcc tctcccgcgc gncccgggccg naggtctggct 300
tccgcttnctg ggtggcggtt ctccgaggct cnetgatgaa gctgagtggc cgncatggag 360
ctttcngggcg agtacgtcgn ttgtgacggg gagccgcagc ggctacgagt gtcctgtgag 420
gcgtcggggag acgcgggaccc tctccagagc 450

<210> 694
<211> 449
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 694
gaactgaggt tcgtttttcaa ctggcgccgc cctncccggt gcggncctga gccgctgntg 60
gtggccggtg caccnggcga ctatcatgag ctgnaggcac cgnccctgca nagcagcctg 120
gctttgagtc tggagctgca gaacgcgcgc gccnctgtcc gccagcgncc agtttgatgc 180
ctncaaggcc ggtaaaaggag nagctgagaa agtngttccg naccagctg tgccctgnag 240
gagacnttg ngnaggggtt gaacgtgccg tntcttaaga tgactctact cgatgacact 300
gggagagtct gcagggttccc aaggagnagg ttcatgaact ctggantgat aggagaagca 360

tnntgattgc gtgnctnctt atnccnnag ccccgcccct gaaggagggtg ctcggggccgg 420
gcccaganat gaccatgctg tgcaaccca 449

<210> 695
<211> 449
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 695
gttcctaaga ggacaccaca caagcaatcg tcagccaagg gagctgtgca gaccccagac 60
ctgacatgga acaggcctgg gcacgctaac ggaataggaa aacattctaa aatccaaagc 120
tgcagggatg gcaagacggc ttagcaggcc ctgccttntn tatacaggca tnacatcatt 180
aagtaggagc tnatacactc nangcctagc ggatcatnnc taacnagntn anagnnaaat 240
ngcccatgaa gtncagagag attgacttgc tgtttccaac aggtagctgg actncaaaaa 300
cnagagannc cntggngngt cacngcnntg tgnananana tgtgntgcnc tgtntgggtg 360
tnttngancc acagngatgt acgtatgcat atatgctcat acacatngcc cactgtantt 420
atttatnnaa aatccaaagt gccacataa 449

<210> 696
<211> 445
<212> DNA
<213> Mus musculus

<400> 696
actgaggggag agcctgagga actgaggtac actccagact ggatgctctc acaaaccgca 60
agcgtctgtg actactcatc atccagaagg agaggaggcc agagcgaaga ccaagttcta 120
atcccgcccc tttagcgtct aaagattcac atgactgaag aaaaggacaa gattaccaga 180
gcactctgcag aatcataacg tgcctgcatg gcctcagacc cactctaccc gagagtccag 240
gcctgtcacg gaagtccagg agaatgggga atggatagtc accctgcaaa agcccttgct 300
gatccagaag tagaattcct gtctctttct ccagcatcat gcctgtctgt atcctgccgt 360
gcttctcgcc atgacaataa agggctagtc tgaacttgta atccagccct attaaatgtt 420
ttcctttgta agagtaaaaa aaaaa 445

<210> 697
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 697
aagcacttca cttggngcaa ggnaaactgc ctccacccca gtttaatctc aacgatgaaa 60
atgatccaat gaaagcagat attggcttgg ttattcttga aaagcctatc ggtggggatg 120
aaataccact atcccagtgcc ccctagtaca tccctgaaga agctgttcta agtgccaata 180
caagcagctg ttatgtgtat gaatatcaga gtagcaagta aacttggaac cagcagtagt 240
aaagnaagat agatgtgcag ctgctagatt tctcaatgtg ctacccccaa cattccagtt 300
taganaaggc cgtgggcttg tgtattcaga gccaaccacg ggaaagactg ctgggtacag 360
agagccagtc ctgttctatg tcttttctaata gaaccactgg gaactancgg gccttatnca 420

taatgacttc caagatatgt

440

<210> 698
<211> 425
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(425)
<223> n = A,T,C or G

<400> 698
gtgtggtggc accaactttt tcctagcact cacnaaacag ntntatggnt ncngngagtt 60
ncatgccnag cnnagctant agcnacatac gtgaaaacgt gtttcaaann anattttaca 120
nagatnattt ntnttntgag cactactgggn aatagccana acgtccangc naatnanacn 180
aactgacacc agttctgagg tgagaactgg cttggcctac acaaggagaa gaaacgcca 240
gcaccacgga ggcataaacc aaaccgtaag gctagaaatg aaggcatgaa ctaggggaga 300
aagagaaaca gctttaaggc tttaaagaca ctttgggcgt tagacactgg gaagcattat 360
gggttgatgc anaaggtgcc cagggaagtg ggagatcata tagggcgga aacctcagcc 420
ctgag 425

<210> 699
<211> 425
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(425)
<223> n = A,T,C or G

<400> 699
caacgctgca gatcagccgt accaccaggg ggggaaacgt atctcctgtt gctgactgtg 60
atgctaggct gggttgcca gtgtgtgtaa aatgcacttt tgagttaccg taggcttaag 120
gataagtaaa gccattgtaa gtcaaggatn atntatgcat ctgtgagaga ctatgaagga 180
atttgttact gccacagta gtgattcgcc agtctaactg ccatcatcag gtcccacccc 240
aagaagacat gcataattat aggctttctt attttcagcg tatattttgc tgttgataag 300
cataagattg tgctgcctaa aagaaaattc gcgtccctaa gggctctgggt agcatgctag 360
gcagaagaaa aattaaaatg tacatttcct ctcaattgcc tcttaaatca tgaagaataa 420
aaaaa 425

<210> 700
<211> 423
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(423)
<223> n = A,T,C or G

<400> 700
cacctcacia tctagatatt atgnngcttt ttnnnngggn gngnctatct ctttccttcc 60
cgttcaaaaa ctcaccaggt cactcagctg cctgtgtgct tgatataaat tcagttccca 120
cagcgctctc aaggagcgta gagagaaccg aaccaaattc tcttaagtag tcctctgac 180

tactcagcac ctctgactgc tctcacttcc agccccaccc tgccaaacaa attaacaaaa 240
aagcaaaaca ataaccanaa taataatant aacaaaaata ccagatgcng actggtctga 300
aatcatcaaa aacccanaga aacatctatg cttgagatgt ctgtaaaatc ttggttgag 360
tcacagagac taatctctta atctgaataa acatttcttt aaattccttt ttttaaaaaa 420
aac 423

<210> 701
<211> 423
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(423)
<223> n = A,T,C or G

<400> 701
aggtagctaa ccacatgaaa tgaaggctta cagacagcaa atgttgcctt gaggtagcag 60
cagcagcact tcaatcctta cagaatcgac ccagtagcag actgtacacc acccaacagc 120
aacgtctgcg taggccaacac cccactgtgc tccaacagcc gacgaggaaa cgagggaagtc 180
ctctggtaaa gtgccccact gggagagcac tgcaatggca ttccatctgc tctacagacg 240
cagctgatca tgaataactca tgggagcctc tgcaacccct cacagcttca cacacatggc 300
acaactcatg tcacattacn tgaacacatc ttaagagctt tctttctttc ttttttaaac 360
agtccctgact ttgggtaaaag taaaatgtcc cttatatata aatatataaa ccctaactac 420
taa 423

<210> 702
<211> 423
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(423)
<223> n = A,T,C or G

<400> 702
ctgactgggc catgcctgcn ttactgctag aatngtctnn cgctngcnac cactgacagc 60
nnttngacnt ctggtncncc ntgccctnct gngngggnc cngcttntaa nngagtgnac 120
aggggtancc ctannctcta tactcttata annnggaacc gaaacaattg tacgttcntc 180
tttgaggtag annngacaat atttaagnac ganntcatag atacctatct gntaatacag 240
aatcccatc tctaagactc tcttctcaaa gatattctag cgatctcagc acgctggnc 300
aggnttgtaa ctagcactcg ggtgactgaa gcaagaagac tgagagctna aggctagcct 360
gggctacata natagtatgt atgtanccng tgttctgaaa gaaaagaatg ttggcaaaaa 420
caa 423

<210> 703
<211> 421
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

```

<400> 703
aggcaccttt gacaangtgc ctgcgagcca cgctgcacta tggccccgccg ngcnntggng 60
gntnnggaan tncctatgan tatggcacca gntataggcc naccttatca gagatntcnn 120
ctatggtgcc acnatntggn tccnccgtna gtgctaccct acgaccnctg acccaccccc 180
acctggaccc tttgttngcc ggnaggcccc ttatggcgcc ccgcacttcg acatgccgng 240
actttgagga tgatggaggc ccctatgggc gagnetgana ntactgacct acctatccga 300
ggcactgggtt ggccttatcg gncncanaga cacctgtggc tncttaccag aanctgagga 360
atcctntgag cgtggangct ttnaaggagc cttgtttgag ccctatgagg gcctataggc 420
c 421

```

```

<210> 704
<211> 417
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

```

```

<400> 704
cgaaggtcct caggggtctcg agatgaacgt tatcagggtca gatgttcata cngangctgt 60
ccaggcnct cttgctaaac acaaagaaag gaaaatggna gtncttatgc cttccaaacg 120
aagatccctg gttgtacaga cctncatgga tgcctacact ccccanata cctgttccgg 180
ttcagaanat gaaggntcaa nacnggggtga ttcccaggga accccactt ctanccaggg 240
cngcatcaac atggagcatt ggatcagcca ggccatccat ggctctacca catcaacaac 300
ctcctcctcc tccacgcaga gtggggggcag tggggcngca caccggctgg cagatgtcat 360
ggcccagaca cacatagggtg agtgagatgc acgcagctag gtggatgggt gctttttg 417

```

```

<210> 705
<211> 416
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

```

```

<400> 705
gacaaatctc gtacctgacg accctacctg actctgtatg agnangactn cccgcgngng 60
ggagtcacca ctctgaactt ggnaaccgg ngggnggaga gcctgcctag ctgcctgccg 120
cgcacgtgc gcagcctcga tggcagccac aacctgctgc gcgcccttag cgagcctgtg 180
ctcggccgcc tgcccagact gcgcgtactc acgctgcacc acaaccgcat ctccgtgcta 240
cactggggcc gtgacacgct ggccgagctg cgtgagctcg acctcagtca caacctgctg 300
accgagctgc cgccctgcgc gggggccctcg gggagcagcc tgcgctcgtt ggcgctggcc 360
gggaaccac tgcgagcgct gctgccacgg acctttgcat gcttcccagc gctgct 416

```

```

<210> 706
<211> 415
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(415)

```

<223> n = A,T,C or G

<400> 706

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aggaaaagga ggaggcanga taagtaagga ngaggaggag aangacgagg cnagaggagg 60
angctgngga ngaggangcc gaggaggccg atggagtccg ataccccaca gnctcganc 120
agtn gatggc gccgcngccc gggcctgtgc ttctgcggat ccatganenc anntagcggc 180
ggganaagag catcttncag agacccatcg agggccgggc cgggcccggc ggctctntnn 240
ggtccnaga attgagccag catcanaagg ttctgtgtgc agttgctttg ctgatggctg 300
aggccttttn tgccagcttt cccaaagga agagatatct gtacctnttc ataccaaga 360
natatgtgtc aacagcgttt ggaattaact ataaagantg ccccttgtat cacaa 415
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<210> 707

<211> 412

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(412)

<223> n = A,T,C or G

<400> 707

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aggctgttca ggtgtcccta tgactgactg agtctcagcc catggctgac acccaggcac 60
tactagctcg tgacatccag ccttgagcct cctgggcaaa ctccagttcc ctgggggtcca 120
ttatctcagc cgatcacaga gggaggggca cgagtctccc ttcagaacat cctatgatgg 180
ataaaattac agttttattgg tgatcaaccc agcctccaac ccctccttnc ggattgagga 240
agtctaactg aaaccttcat tgctccaaat tgtgctccag ttggctctgg gcagatgccc 300
atccattgga ggctatctgg gagttcgagc tcagcagtgat atgacagacg agcatccaat 360
cattagcatg aaaaaaaaaa gcttatcctt ttggagaggtt caaaaaaaaa aa 412
```

<210> 708

<211> 410

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(410)

<223> n = A,T,C or G

<400> 708

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ctggctccac actcaanagc ctgccggcgt caccttagct tcccaggntc ggtntcacag 60
acnngtagta cncgggancc agctcacctg aacacgtngg acagnngnga ttccttttct 120
aagctgaggg gctggaannt ganaccggtg gaagcatttc atttatccaa ggccnnacag 180
gcaagcccag ggcagagcca ggctttgaaa ccantcagcc gccatctcga tgcgagtnct 240
ctcatcccca acgtgccttc agagtggctc ggatggtagc ctagactcct cgngaagatc 300
ctccgggaca agaaagctga ngtgagagct ctncaaaacc ctatttagag tagagctagg 360
taagccgtca atcaccagag tcattaaaga aactatgctc gaatatacat 410
```

<210> 709

<211> 409

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(409)
<223> n = A,T,C or G

<400> 709
gactgagttt atgcttgtga gggctggtac tcctcagcca gcactctgcc cgtctccttg 60
gaacctttgc tcatgacccat ccgagatgag ggcctacaca ctgggcaagg agatctgcat 120
ctggggcctt cagctgacga acccgagat cgccagactc gctttgtttn tggagcagaa 180
ggggcncacc acttgcccag ngactacntn ggaaatcatt gattgcaaga tggatctgtg 240
gtctctgggg cgaccttggg aaagctctgc agntcagcan ttngcacttn ctggctcctg 300
actactgnat gtttggaat gaanaacttg anagtatntt ntnaggcctg gagagcaacc 360
naaggctcca nggcctcant atgcnctacn gtgggctggg gccccacag 409

<210> 710
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 710
tcccctggct ggacccgaaa aaagggctgc agggctgcgg tttaaagcat gaatggaaat 60
ttcgagcctt ctctcccact accaccccc atgcattgct ccagcccagn ctgaacacca 120
cgagntttta ggatcgaact gaactgaatt tctgggatca atgntttccc cataaaatct 180
gaacttcnnt tggncagacc tgtttggaat aaaaatngnga agagtgcctt gaggctccca 240
ggagatgtac agacttcttc aacgcagaag tgnctntacc ttcaaactgg ggacacatac 300
ctatacatat cattgtatat atcactgggg gcatccaaac tacacatgtt ttccactcca 360
tgactctgta tactatgaag gctaaaggng agactttaaa aaaaaaaaa 408

<210> 711
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 711
gtcagatgac cctgcattgt atcaagtaga aaaatgtcta accaagacag aggagaatac 60
gaacctcttc agctcataga caggtgatga tgtggtttcc aactgacttt caagcaaaaca 120
gatttccaag cgtgcttgaa gagggcagta aatgagaagg cacaagatgc tagaagagag 180
aggggtntgc tggaaatcgt ggctgaccac ctnagaagga ccagaagac ccnaactttc 240
tggttttgcc tttnaccttg ctctgaaact tctcccaaca ctggaagaca agaaagtctc 300
gccctacctc cgccccacct ccgccccccg gaccaggagg attcttctct ttgngcaagc 360
aggcttgctg ggcaatcgtg agctgctgag ttcccatccg ccacaga 407

<210> 712
<211> 397
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 712
tgctgtgtc aacctatgcn gaccgcantg ctaccaagcc ttcnnctgnt tccangttca 60
tccngggcat accctggacn cgtgncatca gggctgnttc cattgctatg cgtgaatttc 120
ctctacctga ntgatctggg gtccttgnc agaaaccatc tgcagcctga tgtcccatga 180
gtaaagactg tgcgtgtgtg gnnttatagn tcttggtctt tagaaaagnc tganggcttn 240
canggaantg ggganggaac cgaccctatg cagtctnttc aggtgngtt ggaggggtcac 300
tcctttctaa gnctccctgg aaggctnaga aagctcttta agntgancct ttgatggaat 360
tnngtnacag gaatttgnaa gttgcctgaa taaaaag 397

<210> 713
<211> 393
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 713
cctgctactg ccaggntgcg catacctgcc atnttacctg ccttgnatgc gacataccct 60
gtgggaaccg tgangcccaa atnacctgc gtactgtaaa tggtaaggaa agcaacatac 120
gaaaaaagat gactnctang tgcacctcnn atgctcctga cagcagaaac aaataagagg 180
tatgacctg gctgctcagc ancatggaaa ataccactt tagccacata cgtccaacag 240
caccacatca gcatgtgttc tnctcnagtt ccatagaaaag aaccgaccca tctnctnaag 300
cnagcaaaac cagaagctct ggtgacaaaa ncagcatggg caaaaatcgt gacaaataaa 360
aatgcattgn ggggttaaaac ttaaaaaaaaa aaa 393

<210> 714
<211> 392
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 714
gcgaccttt gacccaatgg ggcttaactg gtnacaaaat gtccttctat gcatgagatc 60
tacannacta tatgttcttc aagaactgat cagcgnttt caccttctg aagaacacta 120
gaancatacn tatggggcca aaactcctna ttctcngact gtggcgattt ggacatacat 180
tnngtgtgga gganaaatnt ncacgctgag gtcactcatn gttnanagac atgtnanngt 240
angaacatgg accattctaa tagngaaaang gatngatana catctggaca antaaaacca 300
tggngcanag gaatncacac gtgcncgaga ccatgtggcn cttcaacatn cntnggggtt 360
ntnatggngn gacccaactt gaggggttggc aa 392

<210> 715
<211> 392
<212> DNA
<213> Mus musculus

<400> 715
agccggccgg ccatctgtat gttctctaac atggacatct gttcctgata tgtatacgca 60
gggcccagttt gatgccccac tctccaaacc gaaagccctg ttctttcttt ctcttgactg 120
atagccactg ccagggtttc taccactgcg gccaacagaa aagtgttcta tgccaataaa 180
tagtctccca cgcattggaa cagagagccc tggcttctgc ctgccctcag agtgagcagc 240
cgtcacacct gtccagcctt gtgttttctg agggctgtag cagtatgcta tggccccagg 300
tctcggtttc attgcggtga atggaatgga gaagacatct tgccagccag aacacattaa 360
aggttcaccg cagatgcccc caaaaaaaaa aa 392

<210> 716
<211> 392
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(392)
<223> n = A,T,C or G

<400> 716
gtttgacata acagnttacc ctacctncnt gctggggctg tcagncatgn acaattcagt 60
agcattagcc catccaggaa caacttcaac tctaaaagna cacttaggtt caaggcttgc 120
tttgagagaca aatcactgag gtccatggca ggtatagagt ggagttcaaa tctgctcttt 180
gagaagagaa gcccagaaga nagtggattc ttgaagcccc atggagggct agctacattn 240
tacctggaga caagataatc tgaggggcga anccagtgtat gcanagcacc aagactnaga 300
agatgaatat tgggcctgct ttggcgagac atggttcaga ctcagaagga ggatgtaacg 360
ataataaaga gaagatatga tgataaaaaa aa 392

<210> 717
<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 717
acccccctgt gtgaccaggg cccaacccag tacctctgat ggcagtgtctg gagggatgtg 60
tgtggcagtc ctcaagtcca ctcccgttct tgagggtgtca tctgcagcag acttcccggg 120
taccgntctc cctgtgcacg tggctccttg ggtcatggta aaaggggtgga agatgtggga 180
atccctnatg aggacccagg aactcatcag ccttctgggg ntcccangga agctgctnta 240
gtatccctca ncatgggtgcc aaccctttt ggtnncaact ctaccacctg ncaacagctg 300
ncagcttcct tgatgagatg ctcataagaa cgaaaagact gntaaatatg cntnatatgc 360
aaatatcgng gataatataa aaaccc 386

<210> 718
<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 718
 tccgctggaa ctatgggtaa ggccagtcct cccaactcac ctctcgggan ggatgaggac 60
 aaggcctatc ctacctggta acccagccat ggccagccag gctgccaaact acttcagcac 120
 tggtagcagc aagccagcac actccttttt gncatttttnn tangntgcta gacatcaaatt 180
 tngccacttg naactaanng acaagggnnn ggggagatcc cccaagagca agagaagcag 240
 ntggntgctn tcatncctta tggngaccaa aggctgaagc ccanacncac gaagctnttt 300
 gtgttcctgt nnggtggnca tctgcctgct gattttctnc ctnaacatct ttttgctgna 360
 tcnccgggcn attggtgtgc gttctg 386

<210> 719
 <211> 383
 <212> DNA
 <213> Mus musculus

<400> 719
 gactgaggag aatatgaaat tatattttcta aacaagcaaa caattcactt tctatcttat 60
 tgtggatagt taataacatc ttctctctgg atcaacctaa gaatgtcttc tgtctggatc 120
 aacctaagaa gtgggcagtt ttaaataagag gctgaggctg aagaaactgg gagccagagc 180
 acaggcaggt ggcaacctac atctgcaagt gactatgaag agcctggaag acatttttgg 240
 ctgatgttgg agtctgctct acagttggta ggggtgccgt aacaccaatc caagatttag 300
 acaatgagag agaagactgc tctaaaagtt ttctaggcta tgtcaaactc aaatagaact 360
 ttatttcctc ccaaaaaaaaa aaa 383

<210> 720
 <211> 383
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 720
 ggtgggaaga aaaagcagcg ggggaagggtg caagaaaaaa acccaciaaac catccaanna 60
 ctggctatag gnaaccacaa atgaaagcaa tgcagcaagc tggaagcaag ttgaatagaa 120
 ggaattctct ctgggatctt caagctgttc tctaatagtg nttccactat gaacgtggag 180
 ctcaactgatt ggctaggcag gctggccaat gagcttcagg gatctatctg tcaacctttt 240
 acccaaagcg ctgggaagat cgaagctctc aatgggtttt gaagtcggtc ccggggaatg 300
 aactttcctg tcttggggga tgagtgccat caggcaattt accaactgng ncagctcctt 360
 cagtcattat taaatgtgag aaa 383

<210> 721
 <211> 383
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 721
 caatgcaagt catcaciaaac taagggtccc atttcaacaa ctttctcaca atcctaaggc 60
 tcttcccttc ctctcacacc agacaaattt tcaatttaac tgcacaactc aatgactttc 120
 agaaccaatt ctaatagtaa aattgtcata tactgcaaat tttaaccaa taactaaaaa 180

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aatgaaactt ttagacaccc aaaatagtga acccaaaaact tatattatct ccatctgctt 240
gagtatagaa attatggcca agatctggaa cttgtaacag cagcagacaa gacaacacag 300
aagaacagaa caaactgctc catcactatt aangactnnc atgcnatatt aaagttaaac 360
aatgcttcac acggtgacaa aaa                                     383

```

```

<210> 722
<211> 382
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

```

```

<400> 722
aactgagaca cacagtaaca gacgtcactg gctctgtgaa attgatgctg tatectggaa 60
accctgggtgt ctgggtggct gagacagagt atcctaagtt taaagccact ttggaatata 120
tagcaagacc ctgtctcaat caaacaaaaa gntgaggnnt gcctgatgcn nnccaggctc 180
ggatgacntn cagcnccggc ctncnanatg cctaggatta nctcgggccg ttagaatgnn 240
ngnanganga atatgggtgc nccttttgna atnncttgat gtttcctgaa atanggtnnc 300
ctttaancct ggctgacctc canctcgttc tctagcccng gctttacttg aacttgaaac 360
catccagatc ctcccacttc ca                                     382

```

```

<210> 723
<211> 381
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(381)
<223> n = A,T,C or G

```

```

<400> 723
agtgggggtct ttgcagaagg antccctcgn ggcgttccg nacgnctcca gtgtagggtc 60
tccacanagg gtgacgctgg natgcacatg gccagggtccg tctcagcang cactttgggc 120
acccgggtgtg tcggttcaaa ggacaaggag agctggccac agcgatcccc agnatccctg 180
gaaccgaant ctgggnngggg gggntgnttt attgtctgct ntaatgnacc gntgcacgtn 240
atthttgnta ctgcgtgtnc ttttgngggg canngntgn tgaatttaca gaaatgtgct 300
nggaacaggc agcaaggcat nctgtatttc cncttctcat cgtgctnatg ggaaggaaag 360
ngaatatccc catgtttagt a                                     381

```

```

<210> 724
<211> 380
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

```

```

<400> 724
tcctgacaaa aagggcacgc atcgagtgcn cgatccgtga ggtggagntt atgcccaaca 60
ctgtgtncag ggnncnagta ctgnntgggn aggcngtcc tgggtggagc ccnagaacnt 120

```

```

ttcagtctgc ggccagggac agagaccaga ggaggacttc atgaagctgt gggatttgaa 180
gagggacaga ggagcnctnn ngccnngaaa tggtattgtt gtggagccgn ncancctgat 240
gtcatcatcc tattgtntgg agaccgacga gccngagcag gtngcaancc atgcttgctg 300
nanccgctnn tcaggtnanc taacatcaan nanaggttgt cccacatctc tntccntgat 360
tttntgtaac acggtatata                                     380

```

<210> 725

<211> 379

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(379)

<223> n = A,T,C or G

<400> 725

```

acagctacag agcgcgtnat gtatcccact tncaanatch gcgtncaatg tgatcatcgt 60
nangngaang atgcnanggn tgcccnangn tctnaggnta tnagcatatt acttcttncc 120
gagcgtgacg nncggtcacg atccactctg ctcatgagca ctgnangcnt cncctcaacg 180
gagaccatct gagtctgnan acanactaca actgggtgtg tgttcttcac acccnanaca 240
gaagnaatta cgattgccta actcctatag ccactgagaa gagganacat ncntantatg 300
aactagaaag natagatatt ctatggcata acngattccc ccacttggaa tattaagaga 360
gaaaaagagc agggactgt                                     379

```

<210> 726

<211> 379

<212> DNA

<213> Mus musculus

<400> 726

```

cagtgttttt acgggggttca ctggaactgg agaactgtat gcaacgctgt gggctgagcg 60
tgggcaagga aagctccggg gacctccgga atccactcgg ggccagctct tcacaggact 120
cacatccatg gtttaagaag agaacacaca ataccacgc ctacttcctg caagtaaaaa 180
gaggcgagtt ttcccagacc actccaggct taatctcatg tgtacaatcc cagcatgcac 240
cataggaggg acggcaaaca ttctcagccc cggatcctta gcttggttgc acttgctgtc 300
tcagcgtggg ccttgagatt gatcccactt caggattcta ggtttcaaata taaaaccaac 360
ccaatttccc gggaaaaaaa                                     379

```

<210> 727

<211> 377

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(377)

<223> n = A,T,C or G

<400> 727

```

tgagaggagg gactcntcag atggcatgaa cagtctgccc aatcccgttg cctgtgggcg 60
gagaaccaga tgcattctta cgctgcttct ctccgtctga tgttctaccc tggcagtgtg 120
atgaagcacc ctgcaactga gtttctttct tcagtttttt aaagatgggt ataccggctt 180
agtggtaatg tatgtacctt aaaggcctaa ggccctgagt ttaatcccga gaactgcaaa 240
aagacaatta gatctgataa aagcaaaaaa acaacaaaaa gatgaatcta aattaaatat 300
gcntgggtttg aaaagacttn caagatccac tggttatatga aaaaagcata ttaaaaaaaaa 360

```

tcgtattgtg aaaaata

377

<210> 728

<211> 374

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(374)

<223> n = A,T,C or G

<400> 728

acacatacca gggatatgtan aaatgtttga atgggaaaaa tatnanaggg caagacntga 60
ctggcctttca gcaactgcaat gaataggaan ancaaatata ggtaaaaaga catgactgct 120
cctangnntg gncgtagaa ntatatatng ntctangccn acngaannnc agtttcncgc 180
ttantcaaca cttataatgc cccctnttgg gatnantctn cccaatccta agtacttcat 240
nntttgtcnc gccnggtttc gttggactgg gaatttataa acttttcatg ccatnctacn 300
gatggnggaa gaaatnaatg gtaactgata gtcaaccttt gacagggctc tgatagaccc 360
acccacggat ttg 374

<210> 729

<211> 372

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(372)

<223> n = A,T,C or G

<400> 729

gaactgagac tgaagacgtg taaatgaccc agtgcattgc tgggagtgcc aacaggcgga 60
agtgggtggtg acatcatgcy cccatccggc tccgagcctt ccagcagcct gagnccaaat 120
nacagagnna ctggaacctc cnccagcaan ccnacaccga gnaaaganga ncctggtnct 180
tgccannngn ggggctgngn tgacagcttg nagenctnnc ttctnactg cccntctctg 240
tgatgcttcc cccnccacac acacacactc caacccccac caccccaatc gcatccctga 300
acagcattca ccagcaaacg tgagattgct gcttctcata taacacatga gctgnggtgt 360
gaaaaaaaa aa 372

<210> 730

<211> 371

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(371)

<223> n = A,T,C or G

<400> 730

tgggagctgc ttggngtgg taactagggga ctantaggaa nactgcctgg tagtactcnc 60
agaatngatc cccacnttaa nccttgggga aattttnant caacagagca gtggcagaaa 120
ctgcattacn agaagacttg ggaaactcca aggtcacaga agctactagg ctagtggacy 180
gacngacant gaaccatgat tgaaaccct tactctgctg ctcataagaa cactgatctt 240
caaatnctat tngncatttg taactgngtt ggtanattgc tgactatgtn aatgtgactt 300

atcctgattt tntttttatt catcctattg ntgcctggat acttacataa taattttctga 360
gaaaaaaaaa a 371

<210> 731
<211> 371
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(371)
<223> n = A,T,C or G

<400> 731
ccttcctgtg caaagtgtgg catcatggaa ggagagatgn ntgcaggnac ccagcctcc 60
ggnttgccctg tgcagccatc atcacattcc ttgtcgtagg atgggatgag cncacactgg 120
nantaaccan cgctggatnt gctgggcttc aaagcaaagc tnactcttnc ctnggaatnc 180
nggaagtann actnatactc cctgcctggg gggggggngc attgatgaan ccacngatna 240
cntccccact gtgcgaacaa aagaacagaa ngttattttt ctgcgccccca atcacntccc 300
acaaaaaaaaac agggcctggg agttgnatnt ggcgtctgaa tatngncttg taaaaacaat 360
ttaataaaaag t 371

<210> 732
<211> 367
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 732
atgagaccca gcgtttgctg cagaccagtt ctgcattaag cagaccagat agacacnccg 60
ttttttatgt ggcattgtgn ccccaggatt cccctttgag gaggncttta aacttnacnc 120
ttcttcagaa gaancccaat gnagacctaa gncgttcatt ccaaaaattan catcctaattg 180
anacaagtgt gaagaanatg ttagatattt tgaagaatag tggccccagc actgcagaat 240
ccnacagtgt tgnttcaatc caggctttgt aagtgncccta atccagatga tcattncaaa 300
tgatgtncgc agcaatggag ccaannancc caancataga acagngagag atggctaggc 360
tatatgc 367

<210> 733
<211> 367
<212> DNA
<213> Mus musculus

<400> 733
tcagggcagc tgcgactaca cagaggaatc ctgactcaga caacaacaac aacaaaagat 60
ggcttataag caggatcagc tcattctaaag catcctaact tcccaagcac actatgatct 120
caccaactga aatcctaccc aaagcaccac aagaggcacc ctgagatcta atctcaattc 180
cttagcaagt ctttgaggat acaacttcag aaccaccaa aatgggtatat atggctattg 240
taaatacaat agtgtgattc tctaaccttc tttctcttat ctccctatta acacccccct 300
cccccttgct taagcctatg ctaagatctc cttttaataa actccaactt tgcttcaaaa 360
aaaaaaa 367

<210> 734

<211> 367
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 734
cagtctactc taccacacat gactgancca natccanccg ggacccaaca ngtatcaaag 60
ttgtgtgccg gaatgcccag gangtaaggn tanngnaaan agctactcta tnctcnccnn 120
gtatngtnc ctnngggata tgccacaccn aaaangtggt gatattctaca tccaaggcat 180
cnnttnaggt ttttgntgat acaatnancc cagtttcana aacttcaanc attttggaga 240
tgggatcatc atgggacgac tgccaaggac agcngccata gtagaggagc aatccagnn 300
gcaataactc tncatgggct cagttcctgc cttcanattt ttgccttgag ttcctaccct 360
gacttac 367

<210> 735
<211> 364
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 735
gaagcgcta gcgccagtgt naaaaacgnc tacccttcgg tctagtaggg ncnccgctn 60
gactngtntt cccctagtng cgagctaccc atgtggnaag tacngtctcg ccacagnctc 120
ggaagtaaga cttgcactct gtgnctngca ctagtttata ttactacagn gtatngatgg 180
ttccgacctc caggtacgag gctctcctag ctctctcgct ttcttgacnc tgcttagagg 240
ttccatgtca ctggacttgc ctactaggtc gatcgaagca ggcaatcgtg gcgaatgtcg 300
taacgccaga gactaaaccc tgttatgctg tctcgccaac agaacagaca gagacataga 360
gaca 364

<210> 736
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 736
tgattgttct gcagagctcc tccataaaac ctagctgggt ggtggtnagc ctctcagttc 60
agaagatnct ttgggagcat gcaccaaccc agctttacca aactcctgaa aatgttcatt 120
gattnaaagc tggaaggacc ttgtgcacat tccttgggna gctacaagtc aaaaatgaca 180
gggctgggtg ngatttatct tananccnat ccngantgga nngaacgttg anangtcatt 240
ancattataa aanntnggac anaanaantg tntgctannc caancatnnc ctnattcana 300
cattgatnta agttgnctac angttgaaag atatcatcnn acggcatcag gggcattact 360
gat 363

<210> 737
<211> 359
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(359)
<223> n = A,T,C or G

<400> 737
tctgaagtgc ctgaacgtag gaatgggcct tgaacaggag gggaccattc ggangggncn 60
ccacctcgcg acggncgcgc caggcaaaga gccancagcc ctgcactcca cactggccag 120
gaaaagcctt ccacgaggag cggtcagact gcaaaatcca atgtgcttcc tccccgcca 180
cgggcctctc tctctctcgg ggagccgatg gtccccgncc ctgaaccccc taggcngcat 240
nccccaccaca gaatctaaga ccttttnatct ggccgagcca gggacaaaagg ggatcctaag 300
caaatgccct ccgnggacaa caggccccac gggctaaagg gntcccaggg caaactttc 359

<210> 738
<211> 357
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 738
tgacacgcat gtttttggat ttgtcttact ctcaccccca tagacacgat cnagagagag 60
atatgtgcac tgaggnttat ggtgngaggg tgtctcagna gtgnnanaca gacccgaagn 120
ctattaattt tgtaaacaag aatgctgaag attncgctta tnatttaaag acccctaaga 180
ntggatnnaa gatcaatcaa gntccaanta tcttgtnagt tgntacatnt gatgctccag 240
ataatgtagc tggggggagaa tangtcttgg tatgaattga tncttctcta atgagtcgcc 300
ttgacccact ctggcagttc ttanaagggtg ntagntctat agcagaacca gacaggg 357

<210> 739
<211> 357
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 739
ctctcttttg agatgncccc tnagccctgg nggcaaggaa gatgcaggta cctgatgtng 60
agccggnat gcacnnaac anacacntta ttgccagcac tttgaccang nttgcctctc 120
agcattgact atgcanaaag aagngnctnt ggccaggncg tanatganca gctgagcggn 180
anacnatctt ntggaaatga ctgcctgca attcaggaag aagcgccttg gaagctggga 240
ggagggttca tgataggata ggggttacaga aaaggccatc cctggcttct ggctgggtgc 300
ccccataaga aaacagtgtc tggaccttcc cctacagtaa cttcactttc tcagagc 357

<210> 740
<211> 357

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G

<400> 740
tagcgactgc tccgggcent actacnttct tcttgncacn ntntntntnt tntttaagag 60
aaaccangca nctgcaggng cttactnna tgctcagcac tggatnaana ctttctctag 120
tcctatgttg gggaattgnt aaaggangnc ataaganntg aggccaaatg aaaagagccc 180
atztattnac gtgcnggact tacattgaac anagtaaaca aaggaaggag gggcgtgngc 240
gacaaaggaa tgaagccctc tataatgcag aagagctgag taaggccttc cagctgtnc 300
aagaaaaagt ggctgaaaaa ctggaaaagg ttcaagatga agaagaaata ttagaga 357

<210> 741
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 741
ttacttcttg tggaactctc aaggtgcgga caggcangna nnnctttaaa anganaaatt 60
tannaggctt nccancgctg gactgcaaga ccagnanccc tgcagatant cttncnngnc 120
ttnggnaccn nattgngnnc antgatacat nacngccttg aggactaagc nactactgga 180
ttcttgcccc ttgagacann gagagatggc cggtgttgga atacctgtat gcatatgnct 240
gaaagccaat ctataaatcc tcttttaata tattttattca ttctatctgt ttctttaaaag 300
aaccttgact agtgtgttta ttaaaatgac atcccattct caaaaaaaaa aa 352

<210> 742
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 742
tgcttctgct gacatnncct gttactcaga ctcagnctcc ctcttnaaca tggangaact 60
gnagngatta cattgnacct gactanacnn tntacaacca tttatttttt ttagctgang 120
actcttaagt catccctgca tgntatgtgn ntgccatcaa ggtgnctgnc aaatagcatg 180
tccagggact aagacaaaga catcnttana agctacgtac cacagnctn catgccttct 240
ctangattga gtgcncacca nnccatgana caataaangc atccatgana ctgctgacaa 300
agttingaat atacgtganc tcanatacac agggaggaaa acgctgatgt gc 352

<210> 743
<211> 347
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 743
 aaagtagaag ggtaaaggac tgacgccagg ggctanagna gaccacgtct acttccagtg 60
 cgctgagaaa ctcttgggaa ctctgtttggg cctgaaccca cagcccgcgc gcaggctcgca 120
 gaggacatcc tcggaccttg ggcgcattggg cccggcacag nctctcttcg tgaggacccc 180
 agagccctag aagggagaat gggacattgt atgtgcgcgc caggagtctg attgcaaacg 240
 aacgccctct ccaccccacc ctaggcggga ccacccgcgt cgcacctctg ctgcgcgtga 300
 ccccaagggc ttgggcgatt gtgtctccct gagtacagtt acaattg 347

<210> 744
 <211> 344
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 744
 tgaggctctc tcttcagggg tgacatcatc ggctcacacc agtcttccag gaccaccttc 60
 tggatgccaa ggctgctgct cgagtaacct ctgtgcacct ctacctctg ngncnnnnan 120
 cactnnntca agganctnc tngnannng nntanttac ntgtgnaccc cattggnaat 180
 ncgncacccg agggacacat tnacacatta ggatacatca ttaggccmnt tantttntat 240
 gggngggaaa ccttgaacca gtgccttagt gagggggcac tggncatggc ccttgacctt 300
 tgcattctgt tgtgtcttga gtctgagccc tttctgtac atct 344

<210> 745
 <211> 344
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 745
 agacgtgagg ccagccttca tgggaccttg cagaaccatg agctctttgg gtagattggt 60
 gcttctctgag aaccgcgagc agcacaccag gattgcacag ggatgcctcg gtctccagag 120
 cgaacagcag ccactcagcc aggaaggggc agcacnggct ggtgagctgc agcatgggccc 180
 tccttctctac tatgaggtcc ccactgaaga tgagccagga aaggacagaa ggtcctgaca 240
 tgacctctga ctgtcaccac ctcttgcttg caangaagac cctgggtctg ggcatntgcc 300
 ccttctctgt ccctgngcct nctctatttc ttcagggtct ttgc 344

<210> 746
 <211> 344
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(344)
<223> n = A,T,C or G

<400> 746
agactttcac taggcacagc nagtggtaac tgctaaaaaa cacacgtgcc ctgcatgttc 60
ccacccccaa ntgacagggg ggnagtatag ctgctgtggg tagcttctta ccttccctgg 120
gaatagcctn ctgggaatag cctctatagt tccctggtaa tagcctgctg caagacactt 180
tctaacnngg gggggtngtt ngcatgccaa gggatatctt atatcagaag gacaaggcca 240
gggaacagga gaactcaaaa cctgaaaacc tgggtccaaag nctgcttatt tctgnatacc 300
tgggnaacat ggctgccaca gangaaagac gttcatcctt acaa 344

<210> 747
<211> 340
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 747
gattcatttg gagaccacct agacagaact ggaagccagc cncttagngt anttgcccac 60
cgncacaaaa gcatccctgg accaggnaaa anaagccctt tgtgncctna ttcaccacaa 120
cctggncctg tatcatgnnc acaagcgcgg gagaggngga gtatgnancc cagcgcatnn 180
ggttactgng natgcttagg tatcncgggt acatctacac caccaaaaacg ctgnacggtn 240
acaccggana gctgattggt gangagctnc tgntgaatgg aanaatgaca atgtnnngtg 300
ntgtgaagaa agtagccgnc cgntcacag agaccatgga 340

<210> 748
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 748
cttgctattc ctaccactcc ctacgccctc ttggngcttt tctctacctt tgtcacgtca 60
gcagcatcca agtgttcata ctggctcctc tacaagtgga gatgacagtt aattggaaga 120
tgagcaactc cctacccagt atctcctctc aaacatttct catnttgngg ctggagcaga 180
cggtttggca gctaaaggct cttgtacaaa atccaagttc agttcacttt atcttcattg 240
ggcagcttaa aaccaactgt aacttcagcc cccaacaaag atccaatgct ttgctatgtg 300
cataagaata aaactagtaa gatttaaaaa gaaaaaaa 337

<210> 749
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 749
 aggttttacg gtctgtgtaa aanaaccgtg caccantttct tcccattgaa cttccagnaa 60
 aaggcctcat aggtgaggag gcaaagtcac ctaagggtggc accaaggcaa gaaaagaact 120
 tctctgggtgc ggagactaaa ttttaagaaa aaattactgc gacacaatgc tgtcatttca 180
 gtagaacagc aaaatgaaga accctgaagc actcttttga agatgaagac cttacaagaa 240
 ggcaaagtca tcactcacta aggtccagtt gggaaaatga agatcctgta tgtatfctgt 300
 aatgactctt agaatatatt ttatataaga aaaaaaa 337

<210> 750
 <211> 337
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(337)
 <223> n = A,T,C or G

<400> 750
 cctgaaccct gtttcctgaa acacagtggc acccattctt tgnagttccg gtggacagca 60
 gttcagaaac agtggccaaa taaaactgga acttggcaac aaaaaacttt nnaaggaaaa 120
 ttatgtacct gccagaaacc agggaggagg tngtttcctg tttgttcacn agcagnactt 180
 nattcaggaa agcatggaat gntaacctac agggatccna gggagcatgg ccaacctgca 240
 ggcaggcaga gggtagctgt tcacctncca ccctncttnc tntcagnggc attgggggtca 300
 ccatttgttt ctgaacaacc ttaaatagcac tttcctt 337

<210> 751
 <211> 335
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(335)
 <223> n = A,T,C or G

<400> 751
 tcctctgtgc ctaccttctc ttnttcngga ggacaaccn angctagtgc ggtagtcggt 60
 caacagcaat gtctgcacac actgtcnngg aanaactntt tcttctcacn gcnatanttt 120
 tgtggctatn antaaatgnn cgttttcaag aacttnaact aattcatgga caaaaccnnt 180
 nttgtaccct tgnactacaa acctgngtta naaancttaa aaaggggggn gnangtcaac 240
 tgtngtactt tatgggggtc cagcacttga ggcaggggagg attgatgtga gtttcaggcc 300
 atcctanaac tacatggatt gaggagacac tttat 335

<210> 752
 <211> 334
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(334)
 <223> n = A,T,C or G

<400> 752
 tggcttgtcc ggaggtggaa aancaacgga nnaccttntc gccaatnctg gaacttcagc 60

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tttgagaacg tggtnacaggn anggggaccaa aagnnaactg ctgtgcttgt tcccacccccg 120
naacacatac agncanacat nnacctnatt tcgcttcttn ctgggggtgac aaaatatant 180
agaaaagcca agcanaaaac acagggagga agcctgnggt tttccacctg gagggattct 240
ccaatgcnc aacnagttca ggggccctna caaatggcat nantcatatg tttccnactt 300
gnanggaaat acagtgcagg gatttcaact tgca 334

```

```

<210> 753
<211> 332
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G

```

```

<400> 753
ggcgcttttg ggttctccct tcaccggnta ttagagcccc ggctcancat tgctggagag 60
tggtgaagag gcttcctaga gctnnncnca ncntacncag ncnggctcag gnnntttcct 120
actttttcct tangctttta aaacggcana ctatgaaatn gccagcctaa aatcttttgg 180
gggtagtaaa atttnattna aaagcanata agggctagcc gagatnnctc acatgntnag 240
aacacccgac tgctnntcca aagggccaga gtngaaatcc cggcaccccn nggggggnctn 300
acaacancn gcacaagatt tgattccctt tt 332

```

```

<210> 754
<211> 331
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

```

```

<400> 754
gaactgaggt gaagaaaatg aggacacccc tccccccaca agtaagagat ggagttcttg 60
aaggtcaaac agtgactatg tcacgggttag aatcaggact caaggcaggc tgaccaccct 120
gaacaccaca gcacagaagg ttttttttagg ctaagtttgt atttacatcg gtgcgtagca 180
tggaagaag taagttggaa ttgtgcggtt ttgcttgagc ctatagcctt gtgatttttc 240
caccagcct ctttgttccc tgaaatataa tgnctctgtg acttcttata taagagtaaa 300
tgctacacc agtaactttg aaaaaaaaaa a 331

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```

<210> 755
<211> 331
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

```

```

<400> 755
agatccaggg ccttcagaac tggcnccatg caccacatct accaggnaaa accagctaaa 60
cnttccccac tgganantna gaggggctc cagcagntgg acctcacaga ggagcnactc 120
cnntcagncc tgntgcctgg agagancgat atgggatatg aaggaaaggc ttcctggatg 180

```

agaacgggtg tgttacaac cagcccaatt ctgcnancca ggcaaggtn cttctgccatn 240
tgggagcatn nggacgacag cagnncaaac tacgtgntca tattggntaa aagacacgg 300
gggtgccntc tttntgtggg tccccccca g 331

<210> 756
<211> 331
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 756
agaggctcct ctccggtgtc atggcaagcc aaacttgcca cttgaantgc anccaggggt 60
caagtcacan gcccaaagat gatcattnga agcanaagcc ttgacctaa gccttaggaa 120
gcctntacat ctgagcttgc agagacatta tccagctaac ctccagcagt gggaattttc 180
ttccatggct tntttgatga atgaagagca ctctgttcac attccctgag tgatgggagg 240
ctcaccacct caaagtagct tgcttctgtt gaggcgttta tgataacctga ttacctccag 300
tctccattat tgaagaaaaa agaagataga c 331

<210> 757
<211> 330
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 757
ctatgatatc ctgcaggagc actngtggcc nttgggaaat tgacctctgg atttttgtca 60
ngcnttntc ttgatcacgc gtctntctgc antaaagcag nacnattatt cnnacatac 120
agnancacaa agcgaggacc tggctcntgc acttattgac tganctgtca canncaacnc 180
ancaacgggg agngtgttt acnntntga tctcatgct acaaccacaa ctgaagtatc 240
atanctagac tattcctcat atccacgcag attcagattt gtcactgtt tacactttta 300
gaattaaaaa atcccacaat atataaaggc 330

<210> 758
<211> 329
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 758
cacggaatct tcatctgagc cattgggacc ctggatgccc tgcnagnaan ttntgnagac 60
cttntctctt tctgcctcc gtttgccagc ttgangncag ncnangcagg gacaaggctc 120
caagcaacan nctcatgccc ttcagctgng cgttatgaca aggggacatg ctcccactcc 180
aggngggaggc ttgctgagta tcagtcagaa accgtccctg acaccgtgtc aggaatagct 240
tattcgtggt tcgtcttntc tctttggcat tcaaactgtg tatggagcaa ttagcattta 300

atattcngta attagcatgc ttaatgtga

329

<210> 759

<211> 328

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1) ... (328)

<223> n = A,T,C or G

<400> 759

agaagatgga tacaattatc aaagancccg gncgcgaggg cactacnecn cacangcctt 60
atncncttan ngggngccat cgaagacgtg gaatacagaa agcagnangc cctgttntgt 120
cctgcagcnn ggagacanca tcgatggcta cantgcncaa tataaagaat cagaanngtc 180
tctagaactg tgnatgaac acatttcaga cgcntaaagt tccagntcca ccgagacngt 240
gggggnacca tnacgttnta tagctncagn agagactact tagcaagctc taaactgaac 300
agnnagtntt ctagaagacc gagattgc 328

<210> 760

<211> 327

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1) ... (327)

<223> n = A,T,C or G

<400> 760

actgaggact tccttaattc taggaccttg gtccatnact cttcttcatc aatccttctt 60
ggccaatcac cttgtagaac ttntccaaac agcgtggcgg ctacttcca tcttctcaag 120
gggctttgtc catcctgcat catctgcata ctgcctcaca gatcaaaaca ctgaacacag 180
cagctgagtg ggggcctcat taactgtggg gcagcgggaa ctttagatga agccacgtca 240
agtccattgc tttcttacag gtatttggtta atggntcata aacttacaaa aacatgcgca 300
ttaaagatga cccgaaacac aaaaaaa 327

<210> 761

<211> 327

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1) ... (327)

<223> n = A,T,C or G

<400> 761

gactgaggca tcccagagaca ggcgtctaca ttcattctct ccacngctc acttccaatt 60
tactatcgct ctgnagcagt ctagctcctg cagctgaaat catggctgcc aaatgtgaca 120
gcggtggcct gctctgcctc ttgtccctgc ccttctgct tcaggntac anggnannan 180
cncacnatnt nnnngantac cangtaatata gcttattgan ctcacatatg antaaacant 240
ggaanattta gcaagcnatn cgnaanncna anagtnatng gattgctntc acatctaact 300
aaacacgttg acatttataa aaaaaaa 327

<210> 762
<211> 326
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 762
actgagtttg tccagagtgc cgggagactg agaagcatgg ccgtcatgga tgtcagcacc 60
gtgtttaagg agttggtntt tcttttntgc gtctgtgatc ttgccctant gccactgga 120
tcctaaggn ctacgnccca taatgtcgcn tcacatgagg caaattcagg acacctgngg 180
ctgcaggaca cntgangctn cngngngcac cangcangtg gggcctagaa tgcacacaan 240
gcaccattaa atnnaatant cactatggag attgcctgtt nctcaaaaat gtacatactg 300
aaatctgggc cccaaaataa ataaaa 326

<210> 763
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 763
gccattggac gacgggaata agcantacgg cacatntitn acttcgcntn ttgccccaac 60
ggngaacaca ttatggnggg naagnctatg gagttntgga aaaaagnaca tggctctcagg 120
gggacttaca aattttaaga atggggcccg gtacaccggg agnactatgt caaaaataaa 180
aaggcacggc caagggcacc ttttattctt attccagnat gggattccag ntatgaagcc 240
tgtggggcct ggnaaagtga cgtatttgat attgggatgc gaacagcacg ggtggaatat 300
cgtccttcac aggataccgg aaagt 325

<210> 764
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 764
ggtggttccc acgcgtgcac acagcagtgc ccaacatgct gggaagcagn attctcagct 60
canccgaaca tctggcancg ctaatagcan gcagctgccca gtgggcccgg tatgctgggt 120
tctggaaggg tgtggaaagt gaaaagactt ccctgtcagg aactcaacg tccttggtt 180
catgacctn aaccaanaaa accnngtttg cgagatataa atggtatccg gccctttatg 240
cancccatgc ctgtgccacc agtgnanccc cagggaacag aatccccagt acttgtagga 300
aagggtgaaa aggccccgct tgccg 325

<210> 765
<211> 325

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 765
gaggtctcag aggagagtaa agaacacatt gcttagcttg gattcgatca actgctcgta 60
cagcacatcg ctaatcttca ttgtgtacct caaagcngtt ccgtcatggc ctctgactgc 120
tcttctgata ctgctctgga ctgccaaggg agtctgagag cctaaatgga aggcctacca 180
gtgtctctttt ggaatacctt ctccctgcc agggcatctc ttcaaggaat gtggacaaag 240
gctgtgactc ctcaagcaga tgtctcaatg ggntacgtca cgggtgaagc aagaggccaa 300
gggccccctt ttagggatga ggagg 325

<210> 766
<211> 324
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 766
tgaggtgtct catgctggga gnggggaagg agctgnaacc tgntgccagc cagagaagga 60
acctgtcttc caggaaanga tttnacgatg ncctgacnac ttgttagatc gtctnacgga 120
nagactggag ctaagactga ctgagtggaa gcactaccat gaccaggatt acatatctct 180
gacatgctgt nnaaagcaaa acctcatttc aggaccctga acatagacag acttnaagag 240
gntattggat ccccttgnct ntnttcccaa ngngaccacc ttgaacanat ctnggnttnc 300
tgcatntctt aatgactcat ctct 324

<210> 767
<211> 323
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 767
atgagagacc gactaatagg ctttaagcaa gactacagtn aaatatgtnt gtgctgtntt 60
canataaaca tcttgcata n ttgntgcgt atcgncccta taccacttga gtgnttggnc 120
gaagaccaga tctttcttgg anataaaagg ggatgaagat ggantgccc gtnttgnac 180
aancctagat gttagttact gatnatggan caggttttta tgctctaaga caccaagccg 240
cgattcagct ntgcatectc agatntgntg anatctgtgg gggatctcag anatntgata 300
tggttctcat accttcagtt atc 323

<210> 768
<211> 323
<212> DNA
<213> Mus musculus

<400> 768

```
gcccagtacc agcagaagca gagtttgaag aggaaagccc catctcagct ggacaaagac 60
tactgaccac ccagcctctg catctagaga caaaagtctg cttcaggtga tacaagagaa 120
aatgggaggg gtgtgtgtgc tatctgggtgc tccccaaagtc actcagcagc agcctggccg 180
tatacacccc agttcccact tcccacttct cactctatcc cagcgggttca tccttgggcta 240
taatagcaaa ttcaaaacta gtgtgggcta taggagaccc tgtctaaaaa caaggtgaaa 300
caaaaatcat ttaaaaaaaa aaa 323
```

<210> 769

<211> 322

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(322)

<223> n = A,T,C or G

<400> 769

```
gaactgagaa agaatttacc aaagcaacag gaaggtatcc aggaaagatc tgccctctac 60
agtctacaga gtcattttca aacattttct agattgccat gtttatgggtg ttnggtgaag 120
tatttatata tagatttgtg tttacttttc aaataaaaagg cttaattttt nnnttttttg 180
gnangnggcn ggaaaangac ngggtgntca tgggnnangg ccccccatg naagatgtgc 240
tccatacngt tagccgtaca anagctaagg aaaagnngga agatagcacc catcgnangt 300
cctggctggg atggcacctc gg 322
```

<210> 770

<211> 321

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(321)

<223> n = A,T,C or G

<400> 770

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gatatagtct gctgtcggga aatnnagcan accccctncc ccttcctgtn atagacctgg 60
gagtngcaac aactanaana cagagcctta gatncagaac aaaangntgn actaaaacac 120
taagggaenn tgtcacgcag gagngaccaa tcaggaacac cacngagtn tgaagaatc 180
gaanatgcag tngaagacna cgaaaccana ccgagcaaac aataaacang ttacctntc 240
taggcaangc nccagcnccc aancacttct gtaccngtag gaagttcnct ctntcttagt 300
aacctgcctt tctcaaaaac a 321
```

<210> 771

<211> 321

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(321)

<223> n = A,T,C or G

<400> 771

```
ccatggctgc tggaagcett ntctgantac acttagactc tngnnngacc ccntgggtctg 60
```

ctctngtggg caatgnagca tgtttgtggt nattnccatn tgnccaggtgt tgctctggaa 120
acagacnant gantagnacc tatgtgtgcc tgtgtgaaac atgaggggaa atgggtctcn 180
tttctaagcc caaacatacc tcttgcccca gaactgaccn ntgnccacat ctgngangat 240
aactaacaga gagatncaaa ctgaagtagg ccagccaggt aaataggaga cccttcaatc 300
tttagaggaa aaagaaaaga a 321

<210> 772
<211> 319
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(319)
<223> n = A,T,C or G

<400> 772
gaacactgga cctttnaaac actttccgtg ggtggtnttt cgggggntca acaaaatacc 60
tacgcattcn tgggaattcc aaaggagacc catcgnaggc aggttcttgc caaggngnat 120
ttccttcctn gnggagtggg aagccatnga cagtgtctatg nangatattg ataantttgc 180
tcatnccan naccaattta gcaaanggtc acaggggccan tcgggggactg ttanacncaa 240
tacaacatcc ataantnaag ccangactgn naaggagtgc annccgggntg gctngcannn 300
gcacaatact ttactcca 319

<210> 773
<211> 318
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

<400> 773
accaggacaa atgtggtacc tgaaggtaga gtgagttcag agaattcaca ggggaaatca 60
tcactcaggg acttcaggca gnaaaactag ccagtcagcc tctgggatag acaagggtca 120
acagttcaga gaaccaggcc atcgcaaaata gttcacagac ctgcaaggga agacatgcag 180
atccctgccc cccaccccac cctcccccga gccccaccca aacataggga gaaaaggcag 240
tgtgggggag ggggaggtgc tgtgagagaa tttagatagc tcgaanaaat aaatagctgg 300
agacttcaaa aaaaaaaa 318

<210> 774
<211> 318
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

<400> 774
gtgctcagaa cctggatgga gncacncaac gaannctntt tgcnaatggg anacagcaca 60
atctntnttt gaggagccan tcaggactcc ncacttcccn tcttgncttg nntaancctn 120
catgtccagc agaccaatga attatnttgc agtcctttgc nttcnngaag gcactantag 180

taaantaggg aggnagcgtn ggacagtatg gacantntct ggacacaatg acagcaacgc 240
 ttaccacggc nagacttatn cagagncaca gantaaaatg gggttcataaa agcnagggta 300
 gtatgttccc ataaaaaa 318

<210> 775
 <211> 316
 <212> DNA
 <213> Mus musculus

<400> 775
 gactgaggct tctacatggc cagcaagcct ctggggcattc tcttgcctcc acctcctgtc 60
 tcacttcagg agcactggga ttgcagatgc accagctcga agtgggtttct ggagatggaa 120
 ccctttaccc tttcacagcc agtgaatgac cacctcagcc tgagccgctt aaaagttgtg 180
 agagatgaat gccagcacct cagatttcaa agcaacatct tttaaactat tgaaaataac 240
 cgttactgta atgatatggc ctatataata gatttgtaaa gtttcagtac tgggtttacta 300
 acccaagaaa aaaaaa 316

<210> 776
 <211> 316
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(316)
 <223> n = A,T,C or G

<400> 776
 ttacagactt cgtcctgntn cgccattgct ctgttgcatg gnnaggggaag gntgngccct 60
 natagagtga ntagctnctt gcgggagcag gtaaggctca ttgctcangt gcaccagctt 120
 gagacccggn tcaaacaaca acaaaccatg attgcncatc tcttgcntga gaaggaagtc 180
 cantttctgg ataaangatc ggagaacagg gggggngnac cttgnaggca anaggcngta 240
 tgcaaattgn tcaaagattn acaatgacgg anttaangca cgantgggggt ttncaaant 300
 caaacctttt aaagag 316

<210> 777
 <211> 315
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 777
 gcgccataat tactttcttnc ggaactctca naggcncac agnaaccatg gcgtgggttcc 60
 atanttgc atngntanaa aaagaaggtn agaaggatgt gagatcatnc tncagagtga 120
 ttcncgagtg cccatgnaaa ttgtcctggg atttaacaat catgaacntg tcaaaccatga 180
 gtattgnggt agtgtggaac ccacaaaaaa tngtgacaat tctgattatt ttctttcatc 240
 tctaaagaaa taatgnctca ttttcaaatt ngatttgaca acctatgatt cacaaataaa 300
 atgtacatgt atgtg 315

<210> 778
 <211> 315
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 778

```

ggaccttggtt gcctgcttca ccaggggncgt atagccctcc atagaangaa ngaaancccg 60
gggggntncc nttncnnttn gtncaaccgc nanagcacct tggangagca ctggacnann 120
gaagcacctn aagctngaca acanancat naagaggaga cgatccaaga agaaaagcaa 180
gcgggtaacc tggggagaca tcaagacttt aactcacaaa gctgaaagct tggggaaaca 240
acaaggacac antaccactg accccaaaat gatgctgcta tgtttaatga ctatgctaca 300
tgtaattct cagca 315

```

<210> 779

<211> 314

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 779

```

gtgaattttt agaagattca nctttgncctt actggccctg ggaagaaggc acaacaagaa 60
tnagtgtgtg ctggtaatca ccacagaaaa tattgatcgt gnaagaatgg aaggnttgag 120
taagcagcag ncattgccat gaccatgata tnaanagaag cttataatgg gcaagctagc 180
antgnattnt tgatcctcag tgacacctnc aaaacgaata cagctntaat ggctcaattt 240
cgaccaaaaa agactnagcc caggacacta aagaagtttg aaatcaatgc ntctgtaaca 300
gttaaaaaaa aaaa 314

```

<210> 780

<211> 313

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 780

```

tgagacggat ggtggatggn cncagccaga ggancacaga tagacttgtc ttncagnatn 60
ctgctnanat ctgcatnaag cagnggtgna gatcaggtnnt ctggctatct nncactttaa 120
ccactgttga cagctntctg cnagaatttn cactgtnagt annncatact nacaaccata 180
gaggagagnt tgttcantgt ngacagnagg ctcagncacg actgctttgc atnaccacca 240
tnataagacg cctccaagac ttaaagactt gactagctgt acagacactg agagcctcca 300
ctatgttctt gag 313

```

<210> 781

<211> 312

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 781
 ccggttggtc gttcctggac ttctctggcag cccgtagccg cacggnacct ggnacggtaa 60
 actccggagg gcaactcctt cacttgtacg ggaaancttt gcagtgcgag cgagcgatct 120
 ccgcacatgc gcagtgggtg tctgcggtgc ccactagtcg tctaggctgc agcgctgccg 180
 ttccgtgtgt gttgcatttg gtagggacag atggtggaga caggtgggtc ccaggttgca 240
 ctangaagtg tgggaggggg cccgcgaggt cgaaaacaca attaaaggaa gatgggcatc 300
 taaaaaaaaa aa 312

<210> 782
 <211> 312
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 782
 ttctgcacac ctgacacatg cntcgcagna ncaggctcca ttggnnggag ctggccgnga 60
 gcangananaa ncccggcgnn aaggagggtg tgacttctgn ccttantaac tgcattgctg 120
 acnccngntc aggaataccc tgcgnactca cctatanttc ctgggacgtc cccacctgta 180
 gcttggancc ccatgctntg agttccaaat tcanacccca gaactgtgca cacatgtgct 240
 gacggnaagg acaccgggac ttagtacaga tgacatgcaa attcatgacg tcaacagcac 300
 tttttttttt tt 312

<210> 783
 <211> 308
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 783
 aagagacagg aaggaccac agattcccct caccagccng tgngggcaaat ncacaacctc 60
 caggttcaac canatncttt ctctgaanag ccaagatgat gtcangcacg tgacagcacg 120
 agacttcacc cagcacttan ganacagaga aaggcangnt tttgggttca agactgacct 180
 gccgccagcg ccancnctgg gnggnggngg gnggggnaa ctggggaata ccanggtctt 240
 ccttcgcaca atccttgnaa caganactgn aaaagaggcg ggaataggaa anagaccgtg 300
 cggccatg 308

<210> 784
 <211> 306
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(306)

<223> n = A,T,C or G

<400> 784

```
cacctgagac acaccgagtg atggacagat tacangtctt gcctgtgaac ctctctgcca 60
cctgcttcgg agtcagtacc tgataacnaa cacaaaattg gcanacntca tgattngnat 120
taccangaaa atggtgagaa agnatgaata ncnataccg aaaattttta aaatccaann 180
taaagccaca ctgaatgttn tatccnccat cacacagaga gaacncaagg ccacatggnt 240
tcannngtga attcctcnat canggaacan agaacactga ttgcctgcgg aattcttcgg 300
aaaata
```

<210> 785

<211> 302

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(302)

<223> n = A,T,C or G

<400> 785

```
gactgagata aaggagaaaa gaagcggtaa gcagtataat ctgngagagt cctgagtga 60
ggtggccatg tgagaagaca ggggagggag agcaagagtg ganccgcaa tcaagacagg 120
ctgcctgggc caanacactg gccaagaagc cataagctaa naaaatgttg ggagaaaaga 180
cggctgacct agcaaggacc ggacctactc tctatggatt ctccctangc tctggccttg 240
ggtgagtgtc acaatcagcg ncttgtaata aacattacag ctctncctct gggagtcagt 300
cc
```

<210> 786

<211> 300

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 786

```
ctttttgaac cctgttggtc gtgctttctt nntggtngca gggcaancac ccatgggagg 60
ttacaaatta tatgacaaat ccttggcacc cagacttgaa cacaaagngt gaggagagtt 120
cccagggaaa gggctctttg aantagnagt cattcaaagtg gggaggtaac gggnaagcta 180
gcagcaccgt gtactttcan gcaccctcac cttcacagna tgcctgggag tgcatgagac 240
nggnngggaga gacagcgcac aagtcangag tgtcatttca ngctagtggg aaccctggc 300
```

<210> 787

<211> 298

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 787
ctctctagat tcatgctcag ccgtnatant ctggntgncg cccnngnntc taaccttatc 60
nttcttanng ctgacagcct ggactccttt ttattcttgg caatanactt tgacctgtcn 120
gtaagactgc acagagggag tctcggangg gggaagngac acnttagaag atgtncaaag 180
tctctggaaa gattaaaaag agagaaatga cttttacngg agctgttctt tgacctncac 240
atgagcatct attttatgca caccacgtac acatacacat gatgatgaca atgatgac 298

<210> 788
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 788
gaagacagag atgaacgng acccaggggt gctgccggag tgagcgcgcg ggcgctgcca 60
gcggtttata tgacttccc gntggaggcg tggccactgn aggcattgcgc tttccacca 120
ttggtagatg cacaaagggc cgagtntccc gcaactgagat tggctggaga tggaaagggc 180
ggngctcgga gctccggcgg cccacagtg ggttnanggn tgggaggagc gntgaacgcc 240
agcancggcg acagntaaaa aagccagaga gctctataga gagagctcta gagagaa 297

<210> 789
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 789
ggggcaagag tacgcncnccn gagagcagag ctatacggag aggcttcttg ccaggactga 60
ccccagtctc taccctctca ggcattggaag cagancatag cttggggcat gngttcttnt 120
ntgcttcccc cctccttgcc ncaacntggc ctancctgct ttggctgtgc ttaagaggag 180
cttggttcc agccttccnc taagaaagaa ggnctgggaa aaccagggaa cagcnngggg 240
ntaccacatt tccantttctg gcagacttga gacncaaagc ttaataaaga cccctt 297

<210> 790
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 790
ctgcccacat gactgnacga gatccctgng aaccaggatt ncggaaaatc ttgtacacca 60
cnacctttat gatgcccttc cgaaacaggn gtcctttggc gacaaantca tggngccatg 120
cggaanccca tctccatnag gaagtccgtg aggttctcan acngngngat gtccacacag 180
atgcgcacca gggcgnggct gggacttgnc tccatttng gnetgtacca ggnatnncat 240

natnccaggg ntgcccctgc cctgggcatg gagngcnggg gcccttaggg cgaacgg 297

<210> 791
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 791
actaacacag ctgcccgtct tagactngaa ggaaccaaga tacatggcta acaagccgaa 60
cannagcatg ggagtttata gagaccctg gagatgctgc tcaccggtac aggaagcctc 120
tcatantacg actttttcaa agcagcnnan tgatacctcg gtttcaagct nacggccagg 180
cctggagatc aaanctgagc cacagntttt ggtgtntact tntccctant naatgggaac 240
tnggttattg acacagattc aggantttata aagaaatgta aagaaacata aaaa 294

<210> 792
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 792
ttcagttcag gatcggnncc ctgttaaaan actgttaaaa tggattaaca gaancattac 60
caagtcaatg gacnccatt atntggcttt gtggcaattt ttatggaaca caggaggatg 120
gcagnctgc tgcatttana ctgctatngt aatggggagn aaaaattttt gggnaaaagg 180
ttaagnacna atggnatgga tggacntctc agngnacctg tncctatggtt ttgccatgct 240
tanaatacan gactgtgatt ccttttctc tcagcacagg attaaaaaaa tagg 294

<210> 793
<211> 292
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 793
actgaggtgg ggtcttttctt tgggtggcatg ccnaanacga aattcaagtg agcggcanc 60
tggaagaagg aactgagaga gagacaagtc tgagcctgcc ctactttgat gaatctgccg 120
ggtcatcagt gagcagttac tggcgctaac aaagaacttc aagaacgagg agagtcctaa 180
ggaggagact gggccttggc tgacaaactc aaactgacaa aaggatagga tnatccagt 240
ttaggatttg gttcttctat aaaaggcagg agatgaagct gaaaaaaaaa aa 292

<210> 794
<211> 292
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 794

```
acaacctggt tcaagatggg tggggtacca taccacggng ncagcncggc tccgtntttg 60
gaaggacctg naggtacaaa ctctnnccctc agaatttccc agnggncctac tcctttacaa 120
cgncgcccac ngtgaangta ctacacacctc gttgccacct caacgggtgga cccccaggga 180
caacatggtt nctggnactn ttcttnaang tataanatgg cgntggaact atttgatgn 240
tnggcncat ntgtgtctgn tgattgcagn agntctgcta gggaaaaccc aa 292
```

<210> 795

<211> 291

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(291)

<223> n = A,T,C or G

<400> 795

```
actgagggac tctgcnagag gcgctgcctt gcctatgagg ngctnacnca cacnagatt 60
tgttttccag gcgctgnann tacanaatnc ctggnctcan cntccaattt cctgaataca 120
cgnnaggaga nnggcctctn ggctnnncct gnggcnnana tgggaaaagg cagacannaa 180
atgtgggcag tcattaccac tencaacgat gtctctgtgt cttaacattt taactgcaaa 240
gatggggggag aaataaagtt gttttccttt ttttctctcc aaaaaaaaaa a 291
```

<210> 796

<211> 288

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 796

```
gttgtagggc aagaaccctt gnaatgnagc ctgagaagtg cggcctcact cttnttgnaa 60
cctgccacga tcttgagtn tgtaaggatc gncngaantnt gcccaggatg tcnagtcaca 120
taatgactac agntactgct tnttgntnta aggattnaac atntacagac ccatgntcag 180
atnagacact ctantttttg gccagcactn tttcctccca naccatcttc tgnanactca 240
ctencttggt aggcattcatt catttaccat tgtttagcat ttaacaat 288
```

<210> 797

<211> 288

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 797

```
gaactgagct ccaccccccg ggtctggaaa acctggcanc agaanggttn acgntccccc 60
gggcccangn cncgcgtgc cctccttgt ntctnccgg cactgcgct acgagcccgg 120
gatgcancgt ctccaacagg gcagcagcca gggaggcagn gagccgcgac gtgctggctg 180
cggacctncg ctgcagcctc ttcgcctcgg ngctgcagag ctacaagcgg gactcgggtgc 240
tgnngncctt tcccgactcc tacgcgncgn cacagactgt aaggactt 288
```

<210> 798

<211> 283

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(283)

<223> n = A,T,C or G

<400> 798

```
gactgaggat atcatctgat gtgcaggata tcgtctgatg tgcaggatat cgtctgatgt 60
gcangatatc gngtgatgng cagcctcnc aagtcagcga gcactggntg ntcttgctga 120
cganccaggt tcagntccca gnacctgcn ggggncctca caancantg nanctccant 180
tcaaggggag tgaagccttn ctntgacttt tgtaggnaac ntgnatntac atngngcata 240
tncanataat caagtagccc acatatatgt aaaaaaaat aca 283
```

<210> 799

<211> 282

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(282)

<223> n = A,T,C or G

<400> 799

```
gtgtaaccag tacaatgcc aacacttaac tggntggcag ttggtactgt ccgtggggcgc 60
ctcgntttt atgtgtgcnt ttatctcata ccaaacanac aatgaacaat gtttngggag 120
tataacagca angaaatgga ttggcaataa actttggaaa ataatacnnn cagctnnatg 180
tggaatganca cngtccttcc tctgnnttca cctcagtgga cgggatgnga gcaaaagagt 240
nacatgcgaa tntganncag tcaacacgtt ttgcatgggt aa 282
```

<210> 800

<211> 281

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(281)

<223> n = A,T,C or G

<400> 800

```
gactgagtaa ggtcctgntg nggtcagnga tggaggcgag cccaagtng agcttnaata 60
aagacgctag agcacctgca tcggaancgg ctacacttgc cttntgacac agggtttttt 120
```

actgaacctg nanctcactg attggctaga ctggccggnc aacggagctn taaggggtcc 180
ccctgncttc atactcccag cactaatata cagacgtgtg ctgctgtgtc tggcttttta 240
tgtggatgct aaataaagag catgtttctca caaaaaaaaa a 281

<210> 801
<211> 281
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(281)
<223> n = A,T,C or G

<400> 801
tgcctcctgg aaggggaacac caacccgggc cccactgna ccagtcgtcg gtcccccccn 60
ccaccactcg agcactgtcc catccngggg gagacacagg ncaaagangg acccctngtg 120
agcatggggc tggggccacga tcgtgtaggt ctctgttggt aanggctaen aaagttnntgc 180
ttttaaanaa aggagcagtt tatannatca caacncanac taactctanc tnccnngcac 240
ccacngaaga ctntttaagc ctaatcatga ctacaaattc a 281

<210> 802
<211> 280
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

<400> 802
cttgggagga tcaagataga ggcactgtcc cccggactag ttttctggcc ntnggaagtg 60
gacctntnta tggggctggn nacaacactg ggctaccatg atggctgntt gctagctcaa 120
gccaaaggat aggtgtatgg ataaatctta agctngancc aanaattttc tgtttnactg 180
ttnttaggct aggtgacctn gctngcagan ggnggcacatg ttgcctaacc actcnncccta 240
ctgaggctca ggtcgggggg atgctccact gaccctgcta 280

<210> 803
<211> 280
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

<400> 803
cataattact tcttgtaggn actctcaaag gncngncagg agaaananac tcataattnn 60
gacctgnta ctnaantcgt gccaaaggngc cctgtggggc aagccnaact gaccagaaaa 120
cccatccaga tggcgctccct gcccaatgca gactcctgtg cntggatnac ctggngccgtg 180
gcagntgggg cctnaccat gggaagggga ctgaatgcca ttgactagan gntgngggca 240
ggctttgatt ggctacnaaa aggccttgca ctaccactg 280

<210> 804

<211> 280
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

<400> 804
gaactgagac tgaaagagag canatagagc agcgngatnc ggtcnangca aagcacttan 60
gcnngetcan ttacanactg ncaacaagca acagngcatc ctctcccat ccctgcatgt 120
gtccttcttt gcctcataag gcaattccag gcttatctgt tcatctctgc ctcaaacagt 180
gcatgcacca gcacaccctg gcctatgtgt gctaaggacc acaccaggnt ntgctgtgga 240
ctnngacgng ttccctatca acgtgaacta cacaccaact 280

<210> 805
<211> 280
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

<400> 805
cgggtgcagt actccgtnac cctagnngnt ttccaccaat gngnaggng nngcttacc 60
accagcacca nggtggtgggt ntccaagtag ctggnatgct accccangcc tgggggntat 120
cncagcccct gggggctatt ctaggaaccc tagggggggg gggncctcca anctatcctg 180
gaggccaagg ctttggggcc ccacccgggg gancaggctn ttctggntat ccacagacac 240
ctgnacaggc ttatgggggn cggncaggtt ccaaggtcca 280

<210> 806
<211> 277
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 806
gattcaggag ccacaccaan ggggggncat tctttggatg cattgggata gataannttg 60
ggggagatcc ctgaagcgga agggcttggt gacgcacatn gnggatgctc atttactatt 120
gagccagacc gagcanccac caggaacttt gggctggggg gcattaactt ggnggncacc 180
agggncctct tnggtgntta cccttggctg gggccaatt gggtnccaag aaaggagaag 240
gcccctttga cctggngngc gaactggggg ggggtggg 277

<210> 807
<211> 277
<212> DNA
<213> Mus musculus

<400> 807

```

gaactgaggt tggaaatatac aggggaacagt tggaccatcc ctgttttcagg ctggggggttt 60
gattttctata cacttgctgt ctacaagtct ctgcaggaca ccaaaccac gactgaatga 120
cacagccagc atccacaatt cacacagaga ggtaaaaatg tcagatcccc acgccagttg 180
aaccagaagt tctttgtaca ttagaacatt taatgggaaa ctgcatatga actgtaaagt 240
gtaaatacag tctgtgattg ggattagaaa aaaaaaa 277

```

<210> 808

<211> 277

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 808

```

attacctcac gtattnacat agaggctcct gtgnaatgct tattctnacg nagtagtcct 60
gantcctgct gnnnggaatc tctggaagtc actaancagt tnccagatgc gctgagccng 120
gaannatgna atggactctg gtagggtaaa ggccgcctgc tacanntccn gaggatgcc 180
gnccaacccc tggtnaccna cgcnggggta agaaaactnn ntggnacaag ctgagctttt 240
gatgccca tgtgagttga ggtgcgagcc cccctcc 277

```

<210> 809

<211> 277

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 809

```

tctcgcgtct ataaagngan aacanacacg caggacgagc ntggcggggt gtctatctca 60
cgagagatnt gccttacgag acacntggc nagagaaaaa aacactttna ctctgagct 120
ctccttatgg ttngnggggg gtatatcttct ntcanatatn cttgttttga gaagagaggt 180
ttanatatta atnagatgga gagananaca cactctcttt ttcacacacc nccttanaga 240
ganatacata caaanataca gaaataaaga aaatata 277

```

<210> 810

<211> 276

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(276)

<223> n = A,T,C or G

<400> 810

```

acacacggtg cacctgtcta cgtgnaccat gagantgatc tgggggnaa cgggnccnct 60
ncccctnnct tnataacnag agncggcaac atataaanat ttgagcnntn gactcngaag 120
caatggaccg naacncaang gngngtncgt attgnatggc tggagaccct gctccctcct 180
ggtcccatca acccaaatac caccaacctc tactgttctc catcattcat tctcccatca 240
atcattccaa caacaagcac tctggaaaaa aaaaaa 276

```

<210> 811
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 811
 gaactgagag ttccctcaac ttaggctgga tagccaggct ttctnttttc catagnccgga 60
 cgttnacggn ctcttctctg nccanagctt tncaaagcag cctgggtcaac cgagcaaagc 120
 ttcgtggaga cagactggaa ggtgggctgc tcttctctag aaagcaggag caggcgctga 180
 ggaggcccga acaaagcacc gacaaccgtc tttttatact aattgggttca acatcaaaga 240
 gtgacatttt attctcccat ggtaaaaaa aaaaa 275

<210> 812
 <211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 812
 attgaaaagt ggattganag anaatttctt gtgnntgttt ctgtncctgg tgtgantgng 60
 ctgganaaga ggggactggn cantagganc atntttgtga ggcaggacct cagcncagn 120
 aatntatnct ggacctgcnc agctccanga tgcctnngga ccctggngtt gcatagtaca 180
 taacatgaca cagnggctca cagnagcnaa tganactggg gtttgtcttg ctggtcaaga 240
 aatcaaataa atgttgttgt tgtaaaaaa aaaaa 275

<210> 813
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 813
 aggactgcaa gtacagtctg tggtaggtgg atagnaccaa ccacctggna ggctctgaaa 60
 tcatectctt ggcagaactg cagggaagac gtggtttgtt caatccccag aggtttntcc 120
 cgcattaaga tgctctgga tataaccaga acaccaccgg gctgcaagag gactatctgt 180
 caggcaatta ttgngtattt tccgaaagtg atgctgccat gcaaaatgtn ttaaaataaa 240
 ttganngtnc tcttccattt ggagatgaaa aaaa 274

<210> 814
 <211> 273
 <212> DNA
 <213> Mus musculus

206270"69009007

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

<400> 814
 ctttcgctgc agaactgnan gctgtgcctg nnggnccttn ngagccgtct canctttcac 60
 atnctccagt gncttcncta acatctggat tttcatcnnc nggctcttnt gtatggagga 120
 aatgngctcc attgacngan actgggtgctc caacntggga cngcttgatt tttccctgga 180
 agagctgggt ttgaagcncc tcagattggg tggcgaacct gagngncagg ncttgntnnc 240
 ttcgaataat ctccccaagg gcctgaccat aga 273

<210> 815
 <211> 273
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

<400> 815
 aaaaatgggt atggtacaac ccactccgct gcttnnggng cgttagtctg tgaggcnnta 60
 ttatcacttt agctgactaa agctcccgag tntttgcncg ggttctatgg ncagggaatn 120
 nncctatgg tcatggcngg aaatggatgc catatgggaa ancccnangc aatcagttna 180
 tngccanaat gatatacncc ncacannngt atctctgaac ttnaggggaa tgtcatacca 240
 agaattnnnc atgtggatgc tcatggcaac ctt 273

<210> 816
 <211> 272
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 816
 gcatgggact tacacatgga cttctggcaa cagcntggac caggagcagc acacatgggc 60
 tcaaacatca ccacatgcca gagacctcag caggnttcca gnggccctac caatctnagn 120
 atntcaacat ggccctcttg ttttaggtta tctactttnt caccatccac aatacagctc 180
 ggatttgac actnnattnt ctgtntctgna agaaatgngn tacagaanan aagaagtagc 240
 aggatgacga ggaggaggag ggggttgaaag at 272

<210> 817
 <211> 271
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 817
gtcaagagtg ctttcctgan ataaaatgta ntcccnacgc anganancctt taatggaggg 60
gaatcncctc tgcttttnatg ttgnattggn aagcanctct aactcanaan tntcntcccc 120
ccngcagcat atnttctnaa ntcctttaac ttccaagggc acggggccacn gcgatggcag 180
actatatccc caaggagget tggtnacact atccctacan cttgcggtgt accctcagna 240
ctttgcagat gggggccacgg gatcttgaaa t 271

<210> 818
<211> 270
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 818
tgggggtttct gcgtaagggg accacccgctc aagatntcan agtaactngn agntacaagg 60
aggcctattc ttgnntngna aaaccccnan gaagactacc nnctccagac tggagtgtaa 120
taacngtggg acaggggtgg anggttgnc taccacccac nggcttctcn ttggggcgaca 180
tttagagacc agtgcctgag atgatanatc tcangtatac nnaatcagca ccatgttaca 240
tgtangctga tgctccttta gcatcaggtg 270

<210> 819
<211> 269
<212> DNA
<213> Mus musculus

<400> 819
actgagaact gggcagagcg gaattaaatg gattttgctg gctgcacaga aaagcaggat 60
aggaaagctg gcgaagagac gtaatcagtc agtcccaaca aaatgaggga aggaaggaac 120
attaagaaga aaatagcgga gccttgaggt gaagatggga gtaagatggt gcctgccaca 180
ggctaccttc tcttatgtag ctgaagatga ccttgaacgt tttttgtttt aattaaaaag 240
actacgttga ttatttttaa aaaaaaaaaa 269

<210> 820
<211> 266
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 820
aatctaccct gaggaaaaca ngaggtgatc tttctgcaag ccancnncnt gagtgcgggg 60
atgagaaaga ngacttttaga agaaactgtg cctcttcttc ccattactca caacagcagt 120
ctccccatan aggggcttct tgtttttcca gaaaatcagg natagatcac aagaactccc 180
cncacagcan atctggatcc agtgnaagcc attcnccaaa acaaagcaaa ctgcattctt 240
cccatgggtc agagcttagg caccca 266

<210> 821
<211> 266
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(266)

<223> n = A,T,C or G

<400> 821

```
actgagggtt tctctgaaac agcccttggc tgttctgaaa cttgctctgt anaccatgct 60
ggcttttagac tctcagcgat ctgcctgtct cttccttttga atggttgggat taaaggcctg 120
cactaccatg cctgggtcaaa aggaacagaa tcttaaaaac aaagaatatg ctgtactgga 180
agagaacagg acctgtagtt caaatgtaat cctcactaat aattactatg acatttttaga 240
atgtttttgta attatgaaaa aaaaaa                                266
```

<210> 822

<211> 266

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(266)

<223> n = A,T,C or G

<400> 822

```
gtagcgcgtc ccccatctt ccttngctcc tttctcgcaa tcctcttggt tcagtttacc 60
accctgctgn tactntcccc atcattgnca acttnaagtn gaannagtac tncctnnctt 120
gttttccac ttcantctc tcactattac tacttgccag cctgattctc cttcccggaa 180
cccnentgan tttttggngn ggagaacctn cttncntann tcctatcctc tatcctnecat 240
nggtgcctgg gccctgcaca ctccctt                                266
```

<210> 823

<211> 266

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(266)

<223> n = A,T,C or G

<400> 823

```
tgatgccggc tcgtcccanc ctggcncntg nactncccag cagtatagtc anatattcaa 60
ngctcgccag cacagacgat ggcgtacatt gaccttgagc cttaatnang tctcgtgaag 120
ctncccttga ncngaacta ctttatgatg cngngctttg gtcaangtnt gaanganggn 180
agcgtttatg aggtcggata nntcagntct naagagcaca tncctgntgc tgcattgttg 240
tatttattnc cattagggtc cttaat                                266
```

<210> 824

<211> 265

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 824

```
ggacacttcg tctgtccgcn ggaacatggn nactcacgcn gnggtgggag tgcgttacn 60
cactctnggc acgagcacct aattgncccc ggnccacctc gcngntagct nngcnctcc 120
aagcacantg gctacactga ctgnaaaggc cctngcaggt aatcctgnca aacagtntc 180
cagcgcgata cacactactg gctgggcaaag ggcacccaac taatggcata tgccttggnn 240
gggggccaac caataaatgg cgga 265
```

<210> 825

<211> 264

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 825

```
ggagcagtct acagcnacca cgctcatgtn aggcagana ttgtacgcgg tggnaccaag 60
gtgggtgagc aggtncgnga cgaggaacgn agncccttnt gggggaccct naaccatggg 120
cgaacggggg cagnttactt ggggaaggcg agtgtgttct acaacagcna gnctgcctca 180
tttggggcca nagntggttg tgtcccaaaa tatgttttat gtggaccgan gaangcgngg 240
ggaattatta cccatacacc atgg 264
```

<210> 826

<211> 261

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(261)

<223> n = A,T,C or G

<400> 826

```
gactgagccc agaccccatg ggagctgagt atgggtggctg attttctaata cccaagcagt 60
cggaggcgga agcaggaaga ctgtcatgaa ttaaggcca gcttgggcag cagagtaaag 120
ctccaactca aacctaacaa ngaaaagtcc tntcggntnt ggaagaaggc tggctggctg 180
ggcaagaggg cccagttgcc aaggctgcct aacagaggct ggcattggctc tcacctcagt 240
gatgaacagg atgcactgga g 261
```

<210> 827

<211> 261

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(261)

<223> n = A,T,C or G

<400> 827

```
tggcctaata cgtagatcgn agganattan angcccagct tacagtggat angacacagc 60
gcttncacac gcanagaaag atgcagctcg agaantggag acaagccatg tgcctactnc 120
```

tgaacaaatg gataatgcat gatgtgtaca tatacgcaat agaataccat tcatcctcga 180
 aggaagacga aatcatgaac tttacgcaga agtggatgga atcagaaaat atattaaatg 240
 agataacca gaaaaaaaaa a 261

<210> 828
 <211> 260
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(260)
 <223> n = A,T,C or G

<400> 828
 actgagtcgg ctgcacggct ccgtggggat gataaagaag ctcgagtcac ctgagtcaaa 60
 gaggtaaaanc agaagaggat gtgcttaaca tccactggac cggagaaatg ttgcctgagg 120
 gtttcaagnn tnnacaggn cgtcangcct caagcttctt actgtcttnt caagtgtntan 180
 tggatcatggg canttggccc cgttgccctan cctcacacat ttattgttca caaagattgg 240
 tgattccttg gaaagaaaaa 260

<210> 829
 <211> 260
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(260)
 <223> n = A,T,C or G

<400> 829
 taggattttc cttccagcca cggtaaaata tcctttacta ccaggcaggg aagnattact 60
 gcaagttgaa ggcngnctn ggnttctnag tanacaacct gcttgnnnct ntcaagatgc 120
 tggnaattan aaggcatgca tcaccnccgc ccgactgtgt nctggnaagt ttttattgaa 180
 tttatatntg tncctcatgt gtgcctggca gccatggggn accaccaagt aggatgttag 240
 nacccttggga aactgtaata 260

<210> 830
 <211> 260
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(260)
 <223> n = A,T,C or G

<400> 830
 actgaaagaa tgcgagtacc nggnagggcg agaccgnggg aaaggncntt ccgggtccgt 60
 accctcangt caacgcttnc ccctgtncct actctncttc gcttnaaaaa caaacaggn 120
 cngctgnngg ntgtctttna cagnaatgcc ttcagtactg ccaagaaaaa cttttctnct 180
 cagtactnat gngtgggccc naattcttat aatgctngtt ttgaaggagt taaattaatn 240
 agatggaaaa aaactccttt 260

<210> 831

<211> 259
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(259)
 <223> n = A,T,C or G

<400> 831
 tgcctcctac tttcttcata ncnagtgacc aaccttnaca agttgatncn tgtttngcna 60
 tccacaaann acaccnaatt ntttttcctg ctttggtgac tntacatagt tgtctttcca 120
 gcgtggtgct ctagcagatg ccagcactct taaaattgna tattgccaac tctgtgactt 180
 ctttccatgc tcccatgtat ttccttaate ttctanaaca ttccatccca ttggtacttc 240
 accatgtcca tattgagcc 259

<210> 832
 <211> 259
 <212> DNA
 <213> Mus musculus

<400> 832
 ctgaccacat aaacaacact gccagacttg actgccactg tgggatggag cctggcctcc 60
 tccttgaaca cctttgtaca agcttttcct tgttggttta gggattgaag tttccaggcc 120
 tcttcttttc acattggaag ctatttgggt aggggttggc ctggtgctgc ttgtactcac 180
 atggtaaatt ctgtatcctg cagacttata tttttcaaaa cctactttaa taaaggaact 240
 taaatgctaa aaaaaaaaaa 259

<210> 833
 <211> 259
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(259)
 <223> n = A,T,C or G

<400> 833
 tctgacatca aacagtgggtg ttcaaaaact gnntatacnt tatanagcta cngngcctna 60
 tgagatgant catgtggtca agagcacttg gcctgntctt ccagaggaca gaggggttcaa 120
 ttccctgcaa ccacacaggt ggctcacaac ctgacagnaa catccagntc caggggctcg 180
 gacaacctca cagactgngc agtgccgga aaacctcant agacatgaaa taaaatttta 240
 aaaagttaaa aaaaaaaaaa 259

<210> 834
 <211> 257
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(257)
 <223> n = A,T,C or G

<400> 834

```

agatgaatcc aggcttctga gtgcaggagt ggggctatat ccctgccaga taaagggtn 60
agnnacnna ctgcactggn gntagnngnt acncaatnag gtancanngt acctcttcnc 120
tggtgatana ccacnacggc nctgantcag agagggtgtgg aatgatcanc cnagcacatg 180
acctctttgt gcttcttatg ctanactgac tgactagact tgcgttctgt gnttttacta 240
tgctgcaca aaactta 257

```

```

<210> 835
<211> 256
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

```

```

<400> 835
cacaacctca ccacttaaca gggttggacc gncaggcaga gaactgaagc tgggtgcagct 60
gacctactct ncttgccttg gcaacactct tgncctgct ttcacccggc tttgncnatt 120
tnggttggtg acaggcaagt gcctttnggt naagaaagca ttgtgttggt ctgaggtcta 180
ntttngctca gttgttatta ataacctacc cngaaacact tcnactagnc tgntagttgc 240
gggagaattg tgctgg 256

```

```

<210> 836
<211> 253
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

```

```

<400> 836
tgatgaggct tctgtncaac ccttaaaaag anagctgcc ttgacgcngg aggagcgna 60
ctctgncttc tgaccnatga acgcactacc ntacacacta tngnacngtg accaccaccc 120
agtgaccagc gtgctgcttc catgaangna ccagaggaga gangatggga aaaggtctta 180
ttggntgtgn tggtcattnc cccagactgg ttttggtttt tggtttggtt gggttggttg 240
ggttggttta atg 253

```

```

<210> 837
<211> 252
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(252)
<223> n = A,T,C or G

```

```

<400> 837
agatgaaaca gtatagangc atgagactga gtctgtgnta tcatgggtnt acactacgtc 60
ncaggntgat cagcaggagt ntttataccc nggncactga nagntgtact tgaaggataa 120
gntccatnac acntnacagn agccacactn actaatnagt naagaatgtt ncnaaanacaa 180
tatgttatta atnctatttc gactaanctt aagatttgag gttaaaactt tgaataaaaag 240
agttatttga aa 252

```

<210> 838
 <211> 252
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 838
 cagactgagc tgtctatntg tgancagcag cagcagcagc agcgctacaa ctgcccacc 60
 caggcaggca gcatgccctt gccaccacag tgcctagcaa ccaaccagag cttgactgac 120
 ccaagagcct ggaaccaaga gaaaaccaat gcctagcaga gaaggtgcac aaccacataa 180
 aaagcgctcc ctccacatt cctacctctg ttactgaagc caccagagtt cagtgcactt 240
 taaaaaaaaa aa 252

<210> 839
 <211> 252
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 839
 cctgccccct gagttcagng ctggagcagn acanagcaca cacacgaacc atngtgngcc 60
 tnggggagga ggtgaggaac ctgtntggcn nctgggctga catccaagag gaaatgggtg 120
 cctangggtn cgaggacttg nnacagcgcc cgatggcctt ggaagcccga ctccatgcct 180
 gcgcgcaaaa nctgggctgc gggaagctga caggcgtcag taaccctatt accattcggg 240
 ttctccagca ct 252

<210> 840
 <211> 252
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 840
 cttgtgggtca tgcctccatt gacagaaaacc cgntgaagaa naacctnttg ngaggttcct 60
 gcagcagctt gcanatnccc tggcctctcc anagnccagt tggtagcctt ggtggttcct 120
 tcaggattga actacagcgt gcgtggnttg tgccttggng tntgncatgc atgacttttc 180
 ttttccacta gcttctgctg gatgggtgggc aagaggacag gttgaccctt tattaagaat 240
 aggttgcaaa aa 252

<210> 841
 <211> 251
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(251)
 <223> n = A,T,C or G

<400> 841
 gaggacctcc tgtaagtaca ggctgcaann tggntcccgt gtgngtgcct caaaggcctg 60
 tgnctntctt ggtaacaggg ccctgggngg agcgctnaca gccagtcccc tgctgtcctc 120
 cggnagagta cttntgcaca cattcaagga tccactgagg gangacngtc tgtntgacnt 180
 tcattgaatn ntacanggct aacttatatt tnaanctcna aacngaacag agcagcatcc 240
 tatcagttca t 251

<210> 842
 <211> 249
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(249)
 <223> n = A,T,C or G

<400> 842
 atatggcgga ctacacngga cttactttta ctcataatnn gtcncgtcgc nggaanant 60
 tgtagaatga cacnaaagga ntgggngang gtacctgtta gctgnngcct tgaagatgat 120
 gaagacatga tncaaggtaa caagaggagt gcagcacaat gttnttttct cttcttaaag 180
 cactgncatt taaacatgaa cctcangtac tcaaaatgga attnagcctt tcaagacaaa 240
 tacatggca 249

<210> 843
 <211> 249
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(249)
 <223> n = A,T,C or G

<400> 843
 attcccacca cctggcttcc gttaacaggn aagcggaata antgnctggt gattcaggng 60
 gacttgatcat gtcctgggaa tttttnnact ntttgnctn ttaacacnga acacacaagg 120
 aaggcactgg gaccaggang gcttttnaga ngctctgtga tatnccngga ttgngtaagt 180
 annгнаcna ccttgnaggt ccataatctgg gnacaagcac cacngncaag tagacaaagg 240
 gctatgtga 249

<210> 844
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(248)
 <223> n = A,T,C or G

<400> 844
 actgtcttaa aagcagctga ggagaggctc agcaggccag gagcccttgt tgcttttgat 60
 ggggatgaga gatcaggcct caacactctc agggctgcgc acagcctcct gtgactccag 120
 cctgaggaga aggcatgtcc caatcatntg tgacagcccc aggagaatga gtgtccccctt 180
 ctggcctctg cagtcacttc cctnatggna tatatgcnga gaaaacactc atgtgtttca 240
 aataaaga 248

<210> 845
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 845
 atgagagcct gctttctgct gctgggcntg nctatctgct ntttgcactc tgagncaggc 60
 agagaatncc aaaatgaaaa ganagggtgag gntaanatgg tanaggtnag acactgctgg 120
 cttcaaggnc tngttaaatc cacaccacat ggtgntacac catctgnaca agattncccc 180
 ncttctgagt gntaagcagc ncaagtgnct ncatatataa taataatctt ttttttaaaa 240
 aaaaaaa 247

<210> 846
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 846
 aactgaggct cgcgtnggtc tacatagaag agtcccanaa tatccagggc tatatagaag 60
 aanccatctn aagcnggacg atgacnacaa catatgatga cagatgacna cggacgacga 120
 tgactttgat naanacnntg cngncggcna gaccttgctt cccanttgta ggancnctgg 180
 gtnaatgcga tttggccact gnaccactat caaataccac attttgcttt gttttgctat 240
 ttaaaca 247

<210> 847
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 847
 gtggcgtctc atggttggnt gcnctctgc agttcacncc cactctttgn ntgggncant 60
 cncctttgaa tnggaccccg tgcactctcc accttctgnt gtgttngacg tcatgtaggc 120
 atngnaatcc ctntgggnag tnaccacacc agtatacttc ctactcaaca tatgncctgc 180
 tggcatcagt aanaggaagt gnangcccg tacctttcan ncaggatagt ggcactacac 240

cttggat

247

<210> 848

<211> 246

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(246)

<223> n = A,T,C or G

<400> 848

```
ctcgcgaaaa caaggatcat atgntgtncg tcatacaatc gcataacata caacagagng 60
ttgtccggca ccancnacc tggtgaagaa ntgccatcgt cgccttattg acagcacncg 120
cgtnccggac agtgggtacng agtccnanta tgcacgtgcc tctgggccgc aagaaggggg 180
ccaagctnnc ttctgtggac gaagagattn tatacaaaac atnatcagcg atattcaaaa 240
gcaact 246
```

<210> 849

<211> 243

<212> DNA

<213> Mus musculus

<400> 849

```
gactgagaac actgacgtct tccaacggcg ctccagagacg cacctggagt tccctctacc 60
acgcagacct ccagctggcc gtcccaactg cttcttcatc ccaacctcaa gaaagggaga 120
gatttctagt atgtgggaga ggccggcgac aaagagacct gggacagaca cagattgtca 180
gaaaaaaaaga aggggatgca gagaaaagaa ggcacaaatt aaagcaaac aagaaaacaa 240
aaa 243
```

<210> 850

<211> 243

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(243)

<223> n = A,T,C or G

<400> 850

```
aaccacaacc ccctgacatg gntgangtct tcttanacag natcgaatna gnncancccn 60
caatatttct nggtaaagg acatgncacc agaccttngt ctggaccttc agtctgatng 120
ngcataaaaa ganggngtct atgattctac aaagctcctn gtgggggnana ctttggtcag 180
aacaagtttg ggcagccncc ttgggatttc tgcgctgttc agncngtttg tttggaagac 240
agg 243
```

<210> 851

<211> 242

<212> DNA

<213> Mus musculus

<400> 851

```
tgagggtgggg tctttcaaga gcagcgggtc tgacaggaga gcagagggcc tgtgcagcag 60
ctgaagccct tctccacaga ggaggaacag agccagcagc agagacctcg cagctcctct 120
```

cagcccccttc actggcccat cctcctatgt gagagcctgc tcgcagaatc tccttgccac 180
tgctcaagtc cctacggaac aagcgaggcc cagtgtctgt gaaggatcgg tcgctcctgt 240
tc 242

<210> 852
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 852
gaactgagga gctgcaaaaa ggctgagnag tagatgtcca tgcttaanca gtgcttgctg 60
ctcttccaga ggacgcactt ggatctcaac actgacatgg gggttgggct gacagttgca 120
cgtanacaca tctntaggtg atcngacaac acctttggcc tccaaggaca tctgtagtca 180
tgtgtgtaca cgtcatacat agacaaaata cagatatgta actaaaacca taaaaaaaaa 240
a 241

<210> 853
<211> 241
<212> DNA
<213> Mus musculus

<400> 853
actgagaaga gtgggtctga gaaacagaga gtgtgggtaa caagcagtc atccgagttt 60
atgtgacaga tgagtgtgag gaatccaatg tatcgtgtag gatatgaggc agtgtggacc 120
caaagataaa tggaacagca gtcttttcag tatgggggca gcatcgaaga aagagacca 180
agagggaaga tgctctgcat gaaagaatca gaaacaaata aacaacaaat acaagcagga 240
a 241

<210> 854
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 854
ctgggggtttg gacactngtg atacacgcgt tgttntcct aggtggcctn caccagctca 60
taatcgtgac aaacntccac aattcagctt tntcgaana nngaaggcta ggggtggcac 120
ctgccttcga agntactctg ggcaacnntg gaacatacac ttgncngtct gnnnaaannc 180
gactgtctac aggntgtaga gacanatatc actaggacnc ggntggggta gaacttgca 240
a 241

<210> 855
<211> 240
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(240)
 <223> n = A,T,C or G

<400> 855
 ttcccgacct ctcattccta ggatgcnnnn agagaggccg ngggccgntt ttgncccagg 60
 aaaaggagaa agaaccntc ctgnaaccga gtnmataagc caagcaagan tgaactttgt 120
 nactnccaaa taaatagcaa cttantttca agacctcaaa gagcaattga cagtaagcct 180
 gaccnaaggg gactacaaaa tccananagc agaacacgct ncaaggcaaa ggaaaaaaaa 240

<210> 856
 <211> 240
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(240)
 <223> n = A,T,C or G

<400> 856
 gtctgtcaca tcagtacatg ggcaagcttg ntgcagatgc tcagccccgc ccttagtaca 60
 aacttgntt gcaagcagca agnggntgga gtatgtangt ccagcaggcg gttntcccag 120
 ccgggaaggc ccgcctgca gttggcctan ctaccttan ntgntgntaa caaaagccaa 180
 atggaaagnc tggtttngnt gcgaaaagct cctttgctat ntggcccaa acggcccagt 240

<210> 857
 <211> 240
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(240)
 <223> n = A,T,C or G

<400> 857
 agtggggtct ttcagegaca tgnantaagt tccagaaata ctgttaacat ccactgcccc 60
 accaacacgc ccacgctgtg gagacagtag ttgtcgaggc tgcagaaaat ttattaccag 120
 tgtcgcggtg tttgctaaga cagaaagctt ccatctcatg cttttgagtt caccagagaa 180
 taaaatttga tcattaccat gcttgtctga aactagatta ataaaggcaa aataaagctc 240

<210> 858
 <211> 239
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(239)
 <223> n = A,T,C or G

<400> 858

tcgcggatttt ctgccttcat ctnccttcanc ctgnggactg ggactggcac ccaggactac 60
agctncangc ccagggtactc acgaatgccca cangaccggt agtncaccta cagccntgct 120
ntcccaggga ccaggcatgt aggaanntga ttngtagcc tcactncgag gacccttggg 180
anagattnta caagtagnan ntnnctgctg cagataccgg gaggcacca agcccccca 239

<210> 859

<211> 236

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(236)

<223> n = A,T,C or G

<400> 859

aactgagccc atttgnttca taacatctga nctggcagcg acccatgttt ctgtaggctn 60
nnaacaccac tgacaatgac actctgaatc tgcgtctgng caactnntaa tgaanaattg 120
ttgagcgtna tacctgggtg atactggang anaaacggan atggcaaaaag ggatacacga 180
nnaggcatgc ccccgaggcc cagnctggct tcntacaaa ggaggtcaca cttgtg 236

<210> 860

<211> 236

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(236)

<223> n = A,T,C or G

<400> 860

gggcggcgag tcccgnngga aggggntccc gggncctgnc ccacanttga actcttgccc 60
ctgnncctac cttctncgct tgaaaaaaaa gcagggcggt gcggtgcttt aacagnaattg 120
ctcagcactg caagtaaaac tttntncta agtactntgt tgtgggaatt ttaaatactg 180
ttttaaggag ttaaataata atgcaaaaaa accctttaa cactgaaaaa aaaaaa 236

<210> 861

<211> 235

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(235)

<223> n = A,T,C or G

<400> 861

tgaagaaaag gcccctgctt gagngctgga gctgngcaca tactgngnat actntacact 60
gcttattgng cgagccttgc acnntgnaag ncnntcttc actgtggagc gnnactcang 120
tacagcagca ntgnctgaca aagtcacccg gttgncaagc ttcgatganc aaatggtgga 180
nctnattgca ggcagntcag atgaagtgat ccnagccta agagctcacc accag 235

<210> 862

<211> 235

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(235)

<223> n = A,T,C or G

<400> 862

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gcggcgagac tcgtgggata ngttnttccg gggccgtnc cncattgaac tcttnnccct 60
gttcctacct tttcgcttga ngnnaaacca ggncagtgc ggntgctntn acagaaatgn 120
ctcaggactg caacaaaact ttntctnctag tctttgttgc gggaatttta aatctgtgct 180
taaggagtta aatagtaang cgaaaaaacc cttttaaaca ctaaaagaga ggaaa      235
```

<210> 863

<211> 234

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(234)

<223> n = A,T,C or G

<400> 863

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ccccgtgtg cagctattac gattgcctcg gaanaangct aagccacctg ctgcggggcac 60
gcgttgccat gtatccggct ggggcttcgt gtctgacttt gaggagcctc cgcttgact 120
gatggaagtc gaggtgcgca tactggatct gagtgtctgc aacagctcct ggcagggcca 180
gctgaatcct gccatgctct gcactcacag tggggaccgc cggcggcgtg gttt      234
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<210> 864

<211> 231

<212> DNA

<213> Mus musculus

<400> 864

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cacctgaact atgagatggt gctgctggat tcgagaacta gacccaggag gaatgggaca 60
acaggggaaga atcagccatg gcagacagag aagctcaact acgaaaagcc agtttataca 120
ggaagagggt gaagcagagg gaggaatgt caccgatct ggcggaaca caaagcagga 180
agctgatgaa gctgatatta aacacagaca ggctccgtgt aaaaaaaaaa a      231
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<210> 865

<211> 230

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(230)

<223> n = A,T,C or G

<400> 865

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ccaagcagct tactgtgccc ccanaaaggn nagagtggcn atcaagcggn tanacctgga 60
gaagtcgtca gaccacgcat ggatganctc ctggcacgcn cagttcaggc tccctccacg 120
gagggaggag tgtgttctta gagttcatgt taaaaaaga ggtgtttagt ttcttttgag 180
aacgtgactt attttcatta ataatgatt ataaaattta aaaaaaaaaa      230
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<210> 866
 <211> 230
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 866
 cctacagcac ctgcccacca gtgaatggta actcaccgta ntcatacagc cgtcctctct 60
 tgntcatggc cagggcgag gtangcggna naagctctgt nggcanaatg ccgccgtnn 120
 ggaaaccaag ctctgcctag tggagtgtcc tncgngcatn ggctgananc aaaggagaac 180
 gantgggact ggccatgcac cccggggctn tcaaaacaat aggagtgggc 230

<210> 867
 <211> 228
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(228)
 <223> n = A,T,C or G

<400> 867
 cctggccctc agcactccta gatctgacca tcaccacagt caccctgaag agaaccagcc 60
 tgacccgggg gtgggcaggc caaagtcaac tggaaacgct aaagaacaaa gccaggaaga 120
 ggactacccc ctgcaccgta cacctttgct cagcgtgcct cgccaggntc attgaattta 180
 tttctcacct ttatcataaa attaccaaac tggcccaaaa aaaaaaaaa 228

<210> 868
 <211> 227
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(227)
 <223> n = A,T,C or G

<400> 868
 ccttttgaag acacangccg cagcagtgtc cgggtgtcaag cannaaanag tgncttactc 60
 tgataacang gcatgtgggt tctgaggann naacaaggcc atccgccttc ctggcaagt 120
 cccctgccag gagattccct tctgatacca accatgatgc ctggtattgt gcagtaaact 180
 tctttttctg ctaggggggg ttaccngttt agagaaataa aacaaaa 227

<210> 869
 <211> 226
 <212> DNA
 <213> Mus musculus

<400> 869
 actgagcctg cagagccaag cccccccagc aaacactccc atcaccagga tggatgttct 60
 gcctcagaac aggcccgag accagcggct gtgcggagac caagtgacca gggactgaac 120

tctctacaac tctcagccaa gttaaacaac ccctcgttta agctgtcaca tcaactatatt 180
cttcacactg aaatgaaaag aacactaacc ccctgaaaaa aaaaaa 226

<210> 870

<211> 225

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(225)

<223> n = A,T,C or G

<400> 870

agtgtagtgg gaaacgcacg ctgaaangcc cgggtgctccg ncctgtcttg cagtgcact 60
gtgtgtatct ttgggtaaaa cacaactgga ttcttttcng cccagctgc ctcaaatga 120
gnatggtnta atgtttgagc atctcaaac tgtnaccat ctcaattcca acaccncta 180
tcttatttna ctcaactgtaa tgttncatga gacgctggta accgc 225

<210> 871

<211> 224

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(224)

<223> n = A,T,C or G

<400> 871

cctgagagga tccatangac tgtccaanna acattgcaca gcagncatgn atnncattgn 60
cagtnatcgt gacaaacctg atccttaaat cttcaatctn tgctccctct gagtgcagac 120
actcctgtna gaggcngaac taccaacttg tggtcagtg ttttctatgc ttgnncaaga 180
caccagacag aatcaatnaa gggaagaaat tgtaaaaaaa aaaa 224

<210> 872

<211> 223

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(223)

<223> n = A,T,C or G

<400> 872

cgggtgccac tcgatgngng cacacaagcc ttgtntctga ggacaaccac gggcaaagct 60
ccaganccttg tactgagtga ngtggaattg ttttatagag cttattttta gataccttca 120
cagggattga taagaangan aatattgatg tctctattta ngagagncat taatgcacag 180
tncnganggg ntggagaata aacanatcta cctataccct aaa 223

<210> 873

<211> 222

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 873
 cccgtgagga aggggatccc ggggccgtnn cctcaattan ctcttgcccc tggttcctacn 60
 cttctngctt gaagaacaaa ccaggncagt tgnccgtgac ttttacagca atgncctncag 120
 tactgncaag aaaaacttta ctncctggtac ttatgtcngt ggtaatttta aatactgttt 180
 taagcagnta aataataatg gaaaaaaacc ctttaaacac ta 222

<210> 874
 <211> 222
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 874
 tgtaaccaga aactgctcgt cttcagggca gctgctggtc acagctgctt acacacagtc 60
 tgtgggggat gtctacagna tgnnccttct ttccaggaaac acagaatccg gnttgcttca 120
 gctggctggc tttccantgg cagnncctgc acctgtcggg gctcagctca canncaagct 180
 accaccannc ngcctntnct gtagagacag caccaggacc tg 222

<210> 875
 <211> 221
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 875
 tcgcacagga cgcacggacg gactccacaa gcatgcactc ggctactgcc agnccgcccac 60
 agtgacngtn acccacgaaa gcacacacag tagtnngcag gacngccgtg gtcaagatgt 120
 ctctgccatc cccacaggac ggacggacag gactccanat tgggtgctgcg tgttngtctg 180
 aggcctgtca ggactagagc gnacttctca ccggaggaag g 221

<210> 876
 <211> 220
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

<400> 876
 gaggaaaaga cagcagaggc tcacaccctc cagtacntgc tggtcaggct gtcggctccc 60
 ctttttgcgt gccacaccgn anggactgga gncattgctg gcagngaaca ncnggttnca 120

cacacctnat tganactngc tctttntacn aaagtnggnc tcctggcggt tncctcngc 180
tccacacgga gttcacccca tgcatacata tgaccggcag 220

<210> 877

<211> 220

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(220)

<223> n = A,T,C or G

<400> 877

gacaggacct gccacgtact tacatgaagt gtgngatgca tgagnggcag tgtggaggcc 60
gcatctgtcg aaggctcagc cctcgaatcc gggaccagag ttctgggtgcc cgccctgga 120
agagagctgc cattcttaac tgtacacttc cttcagtaa cttcctcctc tttctgcctc 180
agcccttcct tataggaact tccttctcta tcgaaaaaaa 220

<210> 878

<211> 220

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(220)

<223> n = A,T,C or G

<400> 878

ttcactgcct gcctgggggg gtgaataccg tantcctgtg actcagcacn ggcaactgngg 60
gattcagctc agctgtcanc aactgcccct agtatgcacc angcctggnt ttnaaccccc 120
agggctgngg gngaataaat aagctttttt ttacatgtac aggtaatctc tggcacagan 180
aaaancacaa taaacattgt ctgcagctta aaaaaaaaaa 220

<210> 879

<211> 220

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(220)

<223> n = A,T,C or G

<400> 879

agtcgcgtca ggacangcaa tcccggggacc gtaccacaaa ttgaacnctt gcccctgttc 60
ctaccttctt cgcttaaaaa aaaccagggg agtgcggtatg ctttnacaga aatgnctcag 120
nantgcaana aaactttatc tagtntatgn ngggggaatt ttaaattctgt ttttaagtagt 180
taantantaa tggaaaaaaa ccctttaaac actggaaaaa 220

<210> 880

<211> 220

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

<400> 880
 tggccttttg ctaaacantt gaagaactcn ttgnacaaca gggggtgcct ncgatttatg 60
 gntnttatgg aacaccagnt ttaacagntt ctttcctccc aagggnntnt aggtttnagg 120
 nccctggcct tncagggaaa atgcccttgc tttggtgnnt tcttgctctg gactttcccc 180
 cccantggat ngggaatgtg tacccatggg aagataaaaa 220

<210> 881
 <211> 218
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 881
 ttccatgaac ggcgagnccg ngggaaagga ntccggggcc gtcccanaat taaccttgcc 60
 cctgtncctn cctttccgct taaaaaaaaa ccaggacggn gcgnggcttt tcaggaatgc 120
 tcaacactgc aaaaaaactt tnttctgagt actttgtgn gggaatttta aatctgtttt 180
 aagnagttaa ntcaataatg gaaaaaacc ctttaacc 218

<210> 882
 <211> 218
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 882
 acgtgccagg ttcttggnag caagggtat ccctggtaat aacgcctggg gacctgggag 60
 tgtagtcccc catgggactt cggaacgctt cgactgagg tccttccaac tgggtctctta 120
 acggacgata gtcctcaaat tcaaacacag tgacctgaca gtgaacgaac tcggtagccc 180
 ctgaagcaga atgggtctgt atccttcaaa aaaaaaaa 218

<210> 883
 <211> 218
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(218)
 <223> n = A,T,C or G

<400> 883
 caggctcagg ggctaagcat cttgtactcg ttcanaggac ccaagttnaa ttcttanctg 60
 ccacatnggg tanttggaaac ctgtctnccg ctgcagctnc agganttncc attcctcttg 120

cctgctcagg tgcacgtact cacntncacg taanataccc cancacgtgt gcacacatac 180
 acaattttaa aanaaaanctt gaaagtaaaa taaacggg 218

<210> 884

<211> 216

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(216)

<223> n = A,T,C or G

<400> 884

acttggaggc ggctgcatgg aaacatgtcg nagnnttcang agcnatnnta nacagtgggtg 60
 ngctntgtgg gcaccaccca tgcacacccat gcacagacat atatccatac acattaaaaa 120
 aagatcagat ttttaatttg ttcttatgta ccttctatgt nnttcaatgc atgtgtccat 180
 ttctttatat taatatacat ttaccatgt ggcttg 216

<210> 885

<211> 215

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(215)

<223> n = A,T,C or G

<400> 885

gactgagaag gcctgaggga ctcggggttaa gaatgggcat cggcgaacga cagtctccat 60
 gtttgcaaag tgtcttggat cctgtagaag agtccgtgat gagtgactgt caagggaggc 120
 ccagacacac atnccactca aaacagaagc aaaccaaact taagtacagt gccaacatgg 180
 ggctnagtaa agacatggga gccacaaaaa aaaaa 215

<210> 886

<211> 214

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(214)

<223> n = A,T,C or G

<400> 886

acgcaggccg gtaccccccg tccgggaact gctgcagcgc tccttcacag gctaccanct 60
 tgagctccag gtgcgancct ctgctcttcc ttggcacggc attgagcttc caggagtggc 120
 cacggcctct tccaaggcct tcgcactttg ctcctgagtc cagnagacac ggatgagaaa 180
 gtctgcgggg ctaaaggccc cactccaccc cccc 214

<210> 887

<211> 214

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(214)
 <223> n = A,T,C or G

<400> 887
 actccttgag gatgccca gcntagcncc cactcanngn cnggtgctag anagatgcta 60
 ntgaccanna ctactgagcg ttttgnttgc tccagagtgg cgtgggta taaaggnaga 120
 gtgtgnctcc ttgccccana cactgccaga gcctgtctat caattgaagt gtgccancag 180
 aancgtgtan acggcctgta actgccctga gga 214

<210> 888
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 888
 ggcttccatt gactccaaga tgacatcctt cagcanncat ggtcaaagcg tggaggggna 60
 gtctctggca ccattctatc tgnttngaag gggctcattc tgntaacaca gagtgcctg 120
 ggctctgcat catctgcact tggagcactg aaggtnggca ccattttatc tgggggctct 180
 gntccacct tggctgcttc cccattgga ga 212

<210> 889
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 889
 actgccggg cagctnccca cnantaaacc ctttccctt gtgcctnct ncttcgcttt 60
 aangagaaaa ccaggggcag tgncggtggg cttttacagt aatggctnca gnactgngaa 120
 gaaaaacttt nctgctnagt gctatgttgg ngggaatttt aaattctngt ggtcnaagga 180
 gtnaatnaa tgaatggaga aaaaactcct tt 212

<210> 890
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 890
 gtctgacaac gagcaggcag ccnacattcc aatcttagaa gaacagatta taaatttgna 60
 agcngaagtt tcagctcaag ataaagtttt gagagaagca caagatnaat tngagcagag 120

tcaganaatg gtgattgaaa aggagcacag nttacaagag gcanagaaga gtgtataaaa 180
 ttgaagggtg acttacttga acagaaaaaa aa 212

<210> 891
 <211> 211
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 891
 actgaggtgc ctacaggacc tccctccttg ncacatctaa atangtattt anacgttgct 60
 actgnacact tctccagnca caaganggggt ttctcatccg ctactctgtg tcattcagat 120
 gcactgtagc cttctatttc cgtggctcta gtctcaaaca gtgggtgaga agttctaaaa 180
 ataaaccatt catgaatttt aaaaaaaaaa a 211

<210> 892
 <211> 208
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(208)
 <223> n = A,T,C or G

<400> 892
 gtggatggct tccctcgctt tntttcgcta ctggcacngc ccacttggtg gncancgctg 60
 aaggcanacc accanacggn acnnctgtt tcttactgga accaaaaaat tattacggng 120
 gggaatcggg tcccttccc ccttttcttt cattaactng ggncgcaaca attaaaattt 180
 gaggccttgg tcagcagtaa aaaaaaaaa 208

<210> 893
 <211> 207
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(207)
 <223> n = A,T,C or G

<400> 893
 gagaaggcgg cttgcctgcn tgcacnacga tgctcgccna nggcctnact gactgggaac 60
 gctgcnggga ggccacgacg acggtgacta cncnttantc actcgggaacc agtaaattat 120
 ngcgngcggc gaaatnnggn ncnccttcc ccnttgctta attaactggt gtnacaacaa 180
 ttnaaatttg aggccttgta tccagta 207

<210> 894
 <211> 207
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(207)
 <223> n = A,T,C or G

<400> 894
 ttctggttca caactgggct tactnttgta acgcagctctg nntacccac ggtacattct 60
 ttaccagttt ccagtcgcaa tnganntgnt ncttacgtac actcttgcn tcattgctgta 120
 gnanccttca aacctttact taaaaggggt ccctgcgcta nttcttntt tantaattnt 180
 gcctttattn tgttggtgtt tcccatg 207

<210> 895
 <211> 206
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(206)
 <223> n = A,T,C or G

<400> 895
 tgagatttcg ccggaaaaaan ncacaaggag aagaagaaga atcttcctgg ttggctgatt 60
 cttgagttna actnaaggg atnagttgta gnaccacac tctcncagtn gaggggttgt 120
 caggagagac catcgnagca taggcanaag ctgagtcctc tngganagtg nanaagaagc 180
 cctgctacaa ggggaagaat aactct 206

<210> 896
 <211> 206
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(206)
 <223> n = A,T,C or G

<400> 896
 aactgagtcc tcagagggaa gtcagttcca tatgcagtcc tgcntaggaa tcgnaaatca 60
 tcattttgca agtgacgaag ggctccttgc tgaantatcc angttcttca caaccagagt 120
 gngaggangt ggcnaactgn gtcattgana ccactgtgcc ttgnnaattn ggtattcaag 180
 taaattngat atagtgggaa gtcaca 206

<210> 897
 <211> 205
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(205)
 <223> n = A,T,C or G

<400> 897
 gactgaggtg ggtttgggct gaggtagaga aatgttctgg cacctgcact tgcactggg 60
 acagcctatt ttgctagttt gttttgtttc gttttgtttt gatggagagc cgtatgttag 120

tactatcgat tcacacaaaa aaccaacaca cagatgtaat gaaaataaag atatatttatt 180
gcggccgcnt ccaagtaaaa aaaaa 205

<210> 898

<211> 205

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(205)

<223> n = A,T,C or G

<400> 898

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ctgagggntn atnggtcagt agcgcathat gaagggtgtg tcagaggtaa aactgtatcc 120
agttaaacag ttatgttaaa cctttgcccc tagtaaactt tataaaggaa ctcatataaa 180
tttttttgtg ggtacaaaaa aaaaa 205

<210> 899

<211> 203

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(203)

<223> n = A,T,C or G

<400> 899

ttttgaggga ccacatttct atattgtgaa ccgcatnaga gaatcaagga ggttttggaa 60
gaagaacttt caatcaagag agatgaatgc catgtgaaaa gccacctac aggntacgan 120
ggacacatct ttccacagag atgggaacttc attcncctaa ggcncataat gcagnacgan 180
ccccangcat tgtttctcaa tta 203

<210> 900

<211> 203

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(203)

<223> n = A,T,C or G

<400> 900

gactgagaca ggtgggtgtcc ggggnnaaga tgtcttgctc catcttttga taacaaaaag 60
ctttgtgaag caagcataaa atctattact gtggatggaa atgggaaacc ttttgcagtt 120
gtcctgtatc cagactttca agaaaagaca atacctcttc aaaaacttca agaagtaaaa 180
tcaactaaag attaaaaaaaa aaa 203

<210> 901

<211> 203

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(203)
 <223> n = A,T,C or G

<400> 901
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 tcagcagcgt nttccncctg ccttcaaccc tttcttcggc gtacnagtca nnacaagcan 120
 ggnttgntaa agaagtgggc agtntannat ggggagcctt gagangcctt gctgctacgc 180
 tanctcttca gacccgtagg acc 203

<210> 902
 <211> 202
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 902
 atgataaatc catgcctcgg nctccctnccg cgnccctgtt tntatgatat tgatttggat 60
 cctgaaacgg aacaagttag ggggngnggn ttancgcagg atcttncatc ttccaagnag 120
 gccacctctg tccggnacgn tgtctgttna ggcccactgn agaagtgtgc ataagtcttg 180
 taaagtctgt ccccgccctg aa 202

<210> 903
 <211> 202
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 903
 tggaaacaca ctgcagggag gnaagcccgg gttaacncac ggncagttca aaaagcaagc 60
 caatgttcaa cattttaatg tgctgtcact cattattcca gnaggcaaag gggaagggat 120
 cttttccatt ccacatncct gtgccaccag gggcagtgca ttaacgtcag gcgcnagggc 180
 cagctcatta aagtattcca gc 202

<210> 904
 <211> 202
 <212> DNA
 <213> Mus musculus

<400> 904
 aacacaactc cggtcatttg acttggcagc aagcatctgt cctgcctggc catcccggcc 60
 tccttacctg aggtttcttt aatcccaaaa gtaactatct tgaaacataa atcaggatac 120
 agtgaggctg ggacaataga atataaaggg tgacaggata tttagttgaa aataaagcta 180
 taagacccgt taaaaaaaaa aa 202

<210> 905
 <211> 202

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(202)
<223> n = A,T,C or G

<400> 905
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nttaactggg tagntacggg gnacctgcca naagaaccct tcacaaaatc aaggccaact 120
atggaacaac caactatttc cattcagggc tgcattgggac tgncccttcan tntgttaaca 180
acaaaaggca aaaacaaaaa ca                                     202

<210> 906
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 906
aactgagaga gtgttgagcg cctcccgaat aaccnagccc agaaggagca gncacangan 60
gcggnccccct caggcgagtg ccnaggagga ncanttcctt ncangcggag gaggaggaan 120
aggcgaggagc cgtggagtac ctggccgagc tgccggagcc gctgctgcct gcgcgtgctg 180
gccgagctgc cagctacgga a                                     201

<210> 907
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 907
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cctgagttca attcccaggn cccaagggtg ggccanaacc acctgttaan tccanntntn 120
gggggatatc atgcctttta ngggctngat ganacctgtg ctcccgtggc ntggacncng 180
acatgcacat aaataaaaat t                                     201

<210> 908
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

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<400> 908
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 aaaccagggc agtggcggtg ctttacagaa atgcttcagg actgcaagaa aaactttntt 120
 cttatactat gttgtggtaa ttttaaanc tgttttaagg agttaataa tantgagaaa 180
 aaaccctttt aaacactttt g 201

<210> 909
 <211> 200
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(200)
 <223> n = A,T,C or G

<400> 909
 ccacatgtag tccacagcgg nggccgangg taggtctccg ggccgttcca cagtaacctt 60
 cccctgtcct ctctctcnc ttaaganaaa ccaggcgntg cnntgcttct acagaaatgc 120
 tcagtactgc caatgaaanc tttctctant cnatgngtgn ggaatcntta aanctgnntt 180
 aagagctaaa taataatgaa 200

<210> 910
 <211> 200
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(200)
 <223> n = A,T,C or G

<400> 910
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 gccccttgtn cctacctnct acggcttaaa gagaaaccag gacagcngcg gnngtctttt 120
 acaanaaatg nctgcagtac tgccaanaaa aacttttntt ctgagtnctg atggntggng 180
 ggggaattttt aaatcctgtc 200

<210> 911
 <211> 199
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(199)
 <223> n = A,T,C or G

<400> 911
 agagcctcag aactgcatcg gttcttaatg gtaccataca cttcctgcct actctctacc 60
 taccacaca gtagggactt caagggaaca gttccacant nttntggcn atatnctatc 120
 ntgncacaaa ncagnngcna ctgaggtgaa tcaancatgg aattaaaggc tcnaaaanca 180
 tgagctcact aattaacga 199

<210> 912
 <211> 197

<212> DNA
<213> Mus musculus

<400> 912
actgaggtcc aggaattaat ctcagaagtc acacttggtg gatgacatct ttccccactg 60
gaaccatctc cctggcccag gacaagaagc tttacaagga ctgaatgaga gaagtatgac 120
aattgattag tgctgtctgc atggcctcca tagggcaagt acagcaatca attagtgtg 180
ccttcggagc atgggtct 197

<210> 913
<211> 197
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(197)
<223> n = A,T,C or G

<400> 913
acgtacagca ccctggcctt tgtcacaatg gagcggggta gctaaaggcc agaaagagaa 60
ggaagtatgg gatcgctcctg ggactttcct gtctacccaa ccttccccca gggacttcca 120
tgaagttgaa gacttgataa aggtcctttt taggagagcc ngaaggtgaa cacanagcct 180
ctgcctgcaa ttgaaaa 197

<210> 914
<211> 196
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 914
gagctaggcc acatgccgct accnnngggga naacancntt angctcangn cntgatgccc 60
tcacacaggg angtaatanc acggnancag ggaagacatt actgtgagat ncccactcgt 120
tcccctccac tatttcnctc ttanatttat acnttggggg tgtgcggnc atncccacag 180
tgaaagatat ttttcg 196

<210> 915
<211> 196
<212> DNA
<213> Mus musculus

<400> 915
gaactgaggt gactccatac caagaaggat gagcagtgct cactggagcg catcacatgg 60
aggacaccag cccccaagca gtggccgaga aggctgctaa agacccaag gctgctaaag 120
atctcaagga tgatgctgct gccgccacca agagcttccc tgatcacttt tccagagagg 180
gtgatgatca aatgga 196

<210> 916
<211> 195
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(195)
 <223> n = A,T,C or G

<400> 916
 gggctgctcc gttgaaaaga acatatggag gcctgtgctgc agtncaacgc atttttgtng 60
 ngcctgcatg cccttacaga aagtctcatt gactggncat tttgnctttg ncttgtggnc 120
 tttncatga aaagaaacat tgtttgatgt aagtttggtg caaaacanta aaaggagtag 180
 caggaagttg tattt 195

<210> 917
 <211> 195
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(195)
 <223> n = A,T,C or G

<400> 917
 ctggctggtt cttctgtgcc attcttggtg ntccctncta cgcgnngtgg aacattcggt 60
 tctctggaca gtncccttct tacagntgta ggaacatggn cagcgtacag ggaactggaa 120
 gtcaaaggna ccttgnaaaa ccattcacia tgaactgtct nacattncaa ctttgcaa 180
 ccaaactag tcagc 195

<210> 918
 <211> 194
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(194)
 <223> n = A,T,C or G

<400> 918
 gtcagagggtg ctacggtggc cccatccac gtcaagatgt tctcaaagtt gctggactgg 60
 aatttcacgg tggtgaagga gaccggatgt gtccacagt gtgtgagctg caggaggtgg 120
 aagcagatgc tganaangga acccaggtct ctgacatcca taggtgagca ctcncanca 180
 tgagcgtcca gcct 194

<210> 919
 <211> 193
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(193)
 <223> n = A,T,C or G

<400> 919
 acacgtactt ctatggtgag gcactgcatg ggacatacat tatctanagt aaaaggaaac 60
 taccaggtgn acangcaggg tgtngtggtg cttnaagaag nangttggtg nnggggggtg 120

tacagcgact accatgatga gaacatgtca ctacagccag tcttttatgt acccacatcg 180
gtcaagaaaa aga 193

<210> 920
<211> 193
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(193)
<223> n = A,T,C or G

<400> 920
agtaacaacc ccagaaatat ttggcgggna ggaggnaaca tgggcaccag cacctttcgt 60
tcagggactt tcaatatgna tgggaggcag aggnaagnag ggttgtctat gantctacat 120
agtctgtaa gggaaaactn tggtcataac aagnttggcc agcttccttg ngattcctgc 180
gctcttcggc ctg 193

<210> 921
<211> 192
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 921
aactgaggac agcagtgcgt tcaaggccag cgctgcctc accaccctca caaggcacgg 60
cnaaccaccc aaagctgcag gaggacaggc agcaacgtct cacacccttc ccttccatt 120
ccatctggga tggatttggt cttaaagatt ttcattatag taaaaagtgc tttaccactt 180
tctataaaac at 192

<210> 922
<211> 192
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 922
ggaagctaca aaaccgttgg gcaatgaaga tangaanccc tgagangcgc tacccttntc 60
tgggaaaacc aggaaactnt gtcgctgcc ttcttcttan atanntgnct atacaccaa 120
gtgcntgctt cngactttga aaatnatnna tgcaaccaca ggctgatgag tcanacaaac 180
cttttgatgg ca 192

<210> 923
<211> 192
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 923
 tggagtctta catacttgan gcggnattag tatgntntca aaacngctcn cancatgggt 60
 cagctcaaaa agggngagcc acgttttact taaacngacg gangactctn gncaacaagg 120
 gagctgtatn aggaaaatga gtcccgcagc aanaggaatg aatttnncgt taataaagta 180
 atttattttt ca 192

<210> 924
 <211> 192
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 924
 acagcgcata tatggcctgc cacttcctgt cctctacttn ganctgcnta gatgcctgcn 60
 cgcacnaggg ccatngggcn gganaatgtc tacttaaaact atttgaaagt ggtggngccg 120
 ggggnnnctc actttgtngc nngcttacct aaaatgcata atagatagca gtgcataagt 180
 gaaaaaaaa aa 192

<210> 925
 <211> 192
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 925
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 tctcctgtca tgcgaatcct gacaatcaaa ctgatcatca ggctggcagc aacatgcttt 120
 gaccagctga gccatcgcat gcattgggtg ttttatttaa aaagatagag gaaagtcct 180
 gaaaaaaaa aa 192

<210> 926
 <211> 191
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(191)
 <223> n = A,T,C or G

<400> 926
 aacattgggc tgtaggncag tactgtagtc aatggtagcc agccaactgt aggactggaa 60
 ncctttgggt tctagggagc catgtcaagt ctttccttat cttcacgtat ttggtcacag 120

cancaaaaatg ctaagggaga catccctct tganccttac taatatttta gttttcacca 180
cacttaaaac t 191

<210> 927
<211> 189
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 927
gactgagctc aaaagccatg gaagcaacgg gtagccctg anaatccct ggcaacagga 60
tggagaatga actagataga agcgtntgtg accacggact accctgttta cagcacgcca 120
cattttaaaa gatactgcaa tccaaangga aaggcctgcc ttcaagactc ttagaggaaa 180
aaaagaaat 189

<210> 928
<211> 189
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 928
accacgcctg cctttcccaa cncaccactg tggtagcact aagaatttgg gnaagnaggt 60
agtgagtgtc tctcgggctc tccatccagg caataccatg tnggtgctgn gggtnngggg 120
aatctcggat cttgaaagaa naaccanca tgttntcagc cttcaagtca agactgctcg 180
gggaagtga 189

<210> 929
<211> 189
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 929
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cgngggcttt tacaggaatg gctncagnac tggcaagaaa aacttttctt cttagtnttt 120
atgnnnggtg ggaattttta atactngtgn tttaaggagg ttaacataat naatggaaaa 180
aaacccttt 189

<210> 930
<211> 189
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 930
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 ctttaangag aaaaccaggt cagtgcggtg cttttcagaa atgcttcagt actgctaagn 120
 aaaacttttc ttcttagtnc tatgttggtg gaattttaaa tctgncttta agnagttaaa 180
 taataatgg 189

<210> 931
 <211> 189
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 931
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 tctcacaaag gtatccagca ccttggtgtg aaatttcaan aggaatanna actttgctct 120
 taacnngaga cnctgggaga aggtacnaca accntaatg ngngnntntc tggtaaatac 180
 accacaggg 189

<210> 932
 <211> 188
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 932
 actgaggtct accgannnat catcaaaggt tggtcgcaat ggcagaggct gcaacagttt 60
 gaatgtgtcc tttaaagctt gcatgttga aatgtaatcc cccactgaa gagggccttt 120
 gtcctcatga gtgaatgaat gccatgttct ctgtaatgag ttaagattaa atcaattttg 180
 ccattgta 188

<210> 933
 <211> 187
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(187)
 <223> n = A,T,C or G

<400> 933
 ggatcatgatg caggggcaaaa ngtncgantc gattgggtggc cctgncacat agaccttgca 60
 ggccaaccga gccctgatcg caggatgtgc atcctgcatg agccgccctt cgaggcgtcc 120

gtcgtggatg ctcgtagngc ggcccagtg anccaanatg cgtacaaaga ngaagacggg 180
caaggcc 187

<210> 934
<211> 187
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 934
cggtttgttt gtttgtttgt ttcttcttct ttattagncg gattggattt gggaaaaang 60
tagctnaatt ctattgttga ttatattcac aaacaaaaga ctgtttatat gtcctgaat 120
tttggcaaga ttctttccna tattncttna gacccatann agnagcaagc ttagcggccc 180
ttttgcc 187

<210> 935
<211> 186
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(186)
<223> n = A,T,C or G

<400> 935
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cccatccatg ggctcgagnc tgcacaactc atactctgtc aacaagaatc ctagtactcc 120
tccctctgta ctnggtngtg tcctngaaga cangcctaca tgctcgtact tacatataat 180
aaataa 186

<210> 936
<211> 186
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(186)
<223> n = A,T,C or G

<400> 936
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ctcaaagacc tgctgcctc tacttccaga gtactgggat taanggaatg agccaccaca 120
ccctaccna ttaaaaatat ttttaataaa ttctccaact ctgggcctgg agagatggcc 180
cagtgg 186

<210> 937
<211> 186
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(186)
 <223> n = A,T,C or G

<400> 937
 gtggaaaacc agtatcttgt ggngcactgg naagaaggcc tctggtctac agggcctcca 60
 cctgngtcct cccattcct ntccctggtg actcccagcc tgaaagaagc caggaggact 120
 ttgtcatctg nctaccctgn ngtagccttag tcctttaaat gagtgnntaa agcttgctaa 180
 atctca 186

<210> 938
 <211> 185
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 938
 accatggcca tggcccatgg gnaaaaggna acttccagna tacaggacag tggcaaaatt 60
 gaagggtcgc cattagcaan cggngcagna anaagcttgc tgcccggggg ctgaggggat 120
 ccatggnctc ncaangnagg nttggcagat acacggcncg gntttgcagg gcatcataca 180
 ccttc 185

<210> 939
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 939
 gcacacaaac cattatgnga ccggtganaca nggatcgact tnccaatctc ggttccatnn 60
 ncttgtggcc ttgccaanat acatanatcn cttatntaag gcaaccgtna caccctgcaa 120
 cgtgttcagg naggagatnt agtctcccct ccccatcct gaatccctgg ttgcttgggg 180
 tgga 184

<210> 940
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 940
 aacagcatct gatctactgn gccatctcta cagccccact cttttctttt tganncangg 60
 tctccatagc attacgcatg ncnanncanc ngcctcanac tttcanatgc tgaaactaaa 120

antatatgct nnggngctcg gctctcaaca tgtgntggga tgaaaggaat atgctacgcg 180
tgta 184

<210> 941
<211> 184
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 941
tgagctagct ctacccttg gaatggnncc tcagtggaca agtccttcta tctcancata 60
accaagataa ccaccactg gcatgcccag ggattctcga ttctgacaac agtaaccacc 120
angatgccat ctctatttct gnccagttt cttttcctgt ngctgnaata aattaccctg 180
ggaa 184

<210> 942
<211> 184
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 942
cagaagatcg gtagttgaan tacatcccag caacatagcc ctgggttaca tggccatgga 60
ctcaaaaaag cttaatcatg aagcagcatg cttcctgcaa tggttccttt ctgatgaaag 120
gataaaaagt caattgacag gattcctgct tccttagntg gaaagaaaac tcttttatgc 180
tgag 184

<210> 943
<211> 184
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 943
tgacctgggt gcttttcnag actcggccnn ccgtaccctg gaggaagan ggcttgncnc 60
cnacagtcct caantanncc ntgtgatntc atggctgang cntagaaaac atttgngccc 120
atgnctgaga acattnataa ngccataatc gataagaact ctggaagctc tggaaaaaaa 180
aaaa 184

<210> 944
<211> 183
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 944
 gcggg'gcgct ttacaanncg ctcacaactg naagaaancca tttctctagc tctatgggtg 60
 gaggagactt gaaannnncgt ttannagtt caancataat gaagcaaacc canttanccg 120
 ntnganccta ctttnatnaa ccaanatggg ctttgggggg gccccaggct tccagacgtt 180
 aga 183

<210> 945
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 945
 actgagacaa actaaacgtg tttaaattgc tgagtactca gcaagttcat ttagccacag 60
 aaaacacact tccaagctac agcagtcacc tacaaatgaa ggaaagcagc gtgaagcctt 120
 gtgattgagc ctggaaacca agcacagatg gccaaaccag gacatatacc taaaaaaaaa 180
 aa 182

<210> 946
 <211> 181
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 946
 tgccccctct cacagggntg nttctcccn ttcgngaaca cttgactttt ggnaccccag 60
 gatggccacc gacttccngg ttgtanggtt antttgggaa gggggttttc ccanaattgn 120
 cctttaaanc cccaattncn tttagagttn ggtggnttgg nccnaaagg gcccccaaa 180
 a 181

<210> 947
 <211> 180
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(180)
 <223> n = A,T,C or G

<400> 947
 gttggtttgc ctcccaatgn caggatctgg ggggctttat agcagagaat ttcagtccaa 60
 cgaaaggtaa cattnancctt ggtgcctttc nagtttcaag gcaccagctc nccancaa 120
 attntnccga nnacgcttag ggccantaaa tgnagatgtt tggaccccaa atgatgtatg 180

<210> 948
 <211> 179

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

 <400> 948
 ggcagattga ctgatgccag ctctgggcag cgacagaggg taagcctgga acattgtgtc 60
 ttcccagcac aggaaagggt catgggtgaa cgatgcagag gccagggtaa acagccaaat 120
 atgaagtagc ctaagcatcc acannggtaa taaatgcagc aggtccaagc aaaaaaaaaa 179

 <210> 949
 <211> 179
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

 <400> 949
 gcctcacccc tgaggattaa ggntggctag aattcacctg ntnacacaac ataaanaaga 60
 gctggntgga ggcgggttcan actatgnaat cccagcctc actgaggctg aggcacgang 120
 gttgactaga gntncaggac ccttcttgaa ttacngggga tagacctttg ccatcaagg 179

 <210> 950
 <211> 178
 <212> DNA
 <213> Mus musculus

 <400> 950
 actgaggggc ctaacttatg ctggagtgtg gtgacctgag gctaacttga agatgaagcc 60
 agacaccaga gatctcaatg tactgtaagc tccgtggtcc tatctgaacc acaggagaac 120
 tgtctagtct gtttatgcat taatcttctt aatatagtcc ctccaacac aaaaaaaaaa 178

 <210> 951
 <211> 178
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

 <400> 951
 tccgggccgt acccacattn accttcccct gtcctcctnt tcgcttaaga gnaaaccagg 60
 cngctgcggn gctttacagc aatgctcana actgcaacan aactttctct agtatatgtn 120
 gtggaattnn aaatcctgtt tcaagagttn nataataang gaaaaaaacc ctttaaac 178

 <210> 952
 <211> 178
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(178)

<223> n = A,T,C or G

<400> 952

agttattctg agcttanngg gcttttctaa gctctcccag taangatgga ggaagaagtg 60
ggtgctggct cananaggag aaattcaagt ccagacccat gnagtctcca tgnccctnca 120
gctctgcant ggctttttna ctctnatnct nttaagcaag actgtcaaca cttggggg 178

<210> 953

<211> 178

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(178)

<223> n = A,T,C or G

<400> 953

cctgtgcaag ctgtattntg cacaaggtgt gcctgnngcc tgctggcnga aatctctggg 60
actnattaga acagtaccag ngcacnggnc cncnaggat ggatggcttg ngngntaaag 120
gtgcctgcta cagagccctg aggatgccac tccttcccct ggcaaccac acggtgga 178

<210> 954

<211> 177

<212> DNA

<213> Mus musculus

<400> 954

tgagtttagg aataaaaagt acaaaagaag tactgggttaa aatgcatccc tacaaggaca 60
aagatgcctg aatcaagtca aagaggtaag ccatcatgtt tccttttttt gttttgtttt 120
taagttgcta gattgtgtat gaataacatg gatataatta caatattaaa aaaaaaa 177

<210> 955

<211> 177

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(177)

<223> n = A,T,C or G

<400> 955

cccctgtgcc ttccttcttc gctttannag gaaaccaggg cagtggcggt gcttttacag 60
taatgctcag tactggcaag gaaaactttt ctcttaata ctcatgntgn gggaattttt 120
aaatcctgtt nttgaaggag ntaanataat naatggaaaa aaaccctttt aaacact 177

<210> 956

<211> 177

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 956
 taaacgcttg ccccttgtcc ctgccttctg cgcttcaaac ancaaaccag ggcagngcgg 60
 tnggctttca nnaaggaatg ncttnaagna cttggnaana aaaacttttn ttctnagncc 120
 ttatggtgnt gggggaata tttaaatnct cgttttaagg agttcaaata attcatg 177

<210> 957
 <211> 177
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(177)
 <223> n = A,T,C or G

<400> 957
 tgtggtgttt tagtggctgg tgtttaccgt gntgcagtgg gcaanctggn cgtggtgcc 60
 gtaaanctcg nttcctggtc ancagnaaaa cgggcagtga cctctgcatg ggtagtatac 120
 atgttcccag naacaggcag gacaaggtac ttacatgggg aagctcaaaa aaaaaaa 177

<210> 958
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 958
 ccaatcggac tcacgtaagc ngacgcncna cgtactcatc cgctangaat gcaggagctt 60
 gcacgcccct cattcatggn gggattgtgc tggcacggac cggatnctag ccnttactgc 120
 aggatntttg gacanccan ttaatnctgg atgctgtcnt tgaagcacag tctaca 176

<210> 959
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 959
 ccgactccgg tggctttggg attaaangtg tttncnacca catnccgacc anccatagan 60
 ttttgacgca actacagact aacatgatct caaaattttt gctgacnaac agggacaaca 120
 ccgcgcncgt ttaaatnncn caataaaagn tggctctctc aaagcccttg gtggg 175

<210> 960

<211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 960
 gactgaggtt aaaagcaaga tggcccagcg ggcaaaggca cttgccacta cagtgaccca 60
 taggctgaag atgagaagac actcccacaa agtngttctc tgtcctcact taggtgtgcc 120
 aaggcgcacc tgtagctcca cacatatata cataaacata tgcacataaa ataga 175

<210> 961
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 961
 ccgacctcct acctgangtg ngaaganngg cnntaccaca ccctgaggct ctctctgtna 60
 ccaactggntt tcttggtctg tcacacactg acancnactt tcaagcncaa accacatntt 120
 tatntttgnc ttttgggttt tctggatata aatagtcttt tctgaaaaaa aaaaa 175

<210> 962
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 962
 gattgcgaca tacatgtgtg ttgtgatgct aaaaaccgan cctnactgaa tataaattta 60
 acnnccatna nnacatggta tccttggn gn tntntatggn ttgaactttg ggaactgtgc 120
 tngtatnanc atgcttaact ttcagaatat aaacttatgg ctctaaaaaa attgg 175

<210> 963
 <211> 174
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(174)
 <223> n = A,T,C or G

<400> 963
 caaacattat taaacaactt ccacgtgtcc aacaacaacc cctnctngcn aagtgaaaga 60

gaaggccata tgancaaatg tggcctggct ggtgggaaaa ccanaggagt agagntttta 120
ccttgntctg atcctgtctt cagtgttttt agccttgncc tgtgtgttaa taaa 174

<210> 964

<211> 174

<212> DNA

<213> Mus musculus

<400> 964

gaggctctgc agagggacca ataaaagtga agcaaagaat cctagcacga ggataaacca 60
tccaaacaga tttcaacagc ctggatcagg ccttgcttgc aagccgcaat agctcagggc 120
cttttgtcct gacagcgtaa taaatgtctt tactgttctg ggcaaaaaaa aaaa 174

<210> 965

<211> 174

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(174)

<223> n = A,T,C or G

<400> 965

atcgaggaat actttaagtg cangaaatat ataaattatg gctgacattc aagatatana 60
caagangacg ncngggaata gccctcacag accgtgttnc ananacaaag ganngacttg 120
ggaaggcagc ctgaagttct ccngggagat ggagaacttg gaaacactgg gctg 174

<210> 966

<211> 174

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(174)

<223> n = A,T,C or G

<400> 966

cagcttacgc ttgctnttgt aatgtgaant ccttncaanc acngcctgtg tgacctaaaca 60
taacacnngg ctgtgtagaa gagacangcc cggcaagttg ccttgggggg aaaatgcttg 120
aacatgtatn ntgctccatt ttactaaccg gtctacattg gcgaaaacta acag 174

<210> 967

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 967

caaaaccgat ctgctacacg gntatnntga naggaccgct aactgncn ncacttactn 60
nccctttgtc ttntnaacna tgnaaananc caccatttta ggaacagcat tcntgaagtg 120

gctagctacc accttgcaat aaagttttcc tggcagtgcc ccaaaaaaaaa aaa

173

<210> 968

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 968

ccaatacggg gagagcgggtg gcncgggana aaattncctt nntgagnagg acattttcat 60
acggcnaatg tnccgnagcg tttgggggca aatgaactcc agggncangg catgggnaaa 120
agcaagtact cgnactcttc agcctgtttg gacaagtata aaggggaggt cag 173

<210> 969

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 969

aacagagatc accctgcctn ngactnctgg gntgctgnca ttangaggta ttcaacacca 60
taaaancaat gaaaagnata gnacacatgt ntnaggnct tatctaacta ancactgnaa 120
aggcngnagt tgccttaggc agagcctaga aatcctttcc agtttggccc ctt 173

<210> 970

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 970

acgctcgagt ggtcatntgc cngcatccac tgcgatgggt cccagacntc cgaaactnca 60
gttcnnggca ancaaagcat catcttctgg cctctgaagg cacctaggcc cacacntgga 120
gcacaaacat ncnttcnggc ctaggcaccc atccntatac attaaataaa ata 173

<210> 971

<211> 172

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(172)

<223> n = A,T,C or G

<400> 971
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 cacaggggnac attttncagg aacagtcggc tcanaangga acngggtaag cctctctcta 120
 cacttcaagc tgcctgactc agtccttact ggtacttttag cccaccct gg 172

<210> 972
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 972
 actgaggtca gaggcggagg ccgagggagg ntccggggccg aaccncaggg gcggggctcn 60
 agcctgcntt gcattcnnac anagaccgnc aggcctcgnt cnanaggntg ctagggacgg 120
 gcagaacngc tnnatctaca agagtgggag gcgtgacttg aaacaccgta ca 172

<210> 973
 <211> 172
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(172)
 <223> n = A,T,C or G

<400> 973
 ctgccctttg gaattcaaac ggggaagccgc tttggactga ctggctgact tntctctcct 60
 cccctctctc ccccttctgc ttcagattna tttattatat gnaagnacac tgnancagtt 120
 gtnggacaca cttanacgag ggcaccagat ctcatgtggtg gtggttgtga ac 172

<210> 974
 <211> 171
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(171)
 <223> n = A,T,C or G

<400> 974
 aaggtcctta tatgtgttat ggttgagatn ggtcaagtca gcctgagccc ccctactgna 60
 tcntncctan tgncttgcta annaaatgcc caacaaccac ntgggnggnt cacaaccant 120
 tctaccaaga gngggactcc ctctcttagg agtggctcga agacaaacta c 171

<210> 975
 <211> 170
 <212> DNA
 <213> Mus musculus

<400> 975

gactgaggaa ggaatgagaa ccacatgcaa atactacagg aataaggctg gctcttcttt 60
gcaaaaatta tggagagaca acgatacatt tcttcaattt atgaaaaaaa actgcatcaa 120
acaagtcaaa tgaaccacat aggatttaaa gaggtcagag gaataaagtt 170

<210> 976
<211> 170
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 976
tgaactcttg cccctgttcc ttcctnctnc gcttnaaggg naaacgcagg acagtgcngt 60
gcttttcang aatggctcan nactgggaag naaaactttt cttctantct atgntgtggn 120
aattttaaat ctgttttaata agttctaata ntantgtaaa aaaacccttt 170

<210> 977
<211> 170
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 977
agtgtgtgt ccaggngat ncatggaatt caaggctctg ggncttgtgg agagactggn 60
ccntctnta gtaatagaag nnncccccnn tgcccnaggg atnangaact ctaacctgna 120
ctgggatacg ctgttgtcga tgggttnag ggatttacct gaggccaaaa 170

<210> 978
<211> 170
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 978
ctgcaccctg aactgnactt aancactggg tgtactctta cntccttggg ctgcantctc 60
ctctccgcan gcaacagcaa gngaacatgc cactcanttc caaatnttg tgagaaactt 120
tngngagaag tntagtnccn ggatccccgag agggcagtgg agaagacggg 170

<210> 979
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(169)
<223> n = A,T,C or G

<400> 979
tagccttggg cgcccagtg ggtgnggctg gangggcctg gcacaccctg ccctggngag 60
gggacatgnc tntctgcctc ccactttgcc ctcactcactg nctacgntng acatnngggt 120
gaggctacga ggcctgncnt agggagaatg ccaccctccg ccgttgctt 169

<210> 980
<211> 168
<212> DNA
<213> Mus musculus

<400> 980
gactgaggga aaggacacag gtctggtagt aagagtgggt cggtctatga aggggattgg 60
aagtttggga agcgagatgg ttatggatcc ctcagtcactg ctgaccaga gaccggaaaa 120
ctcaggagag tgtattcagg ctggtggaaa ggcgataaga aatcaggg 168

<210> 981
<211> 168
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 981
cactgcctcc ttctggatan nccccaggaa gacctgtggg tntngcttca attctntgna 60
ggaaaataac aggccancta ttttgggtgac annggactnt agggntgact tctgtcancn 120
gaggcaggca ncagttgtag ntgnagcaag aaggcatagg caattcct 168

<210> 982
<211> 168
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 982
tgcagtaggc actctnagta acacaggngt aaccagctgn ngggaatttg ttcccccttg 60
tattccttat aacacgggag cctgggaatc tcacaagtag ccaatgaaat gcacccctct 120
ctgcctttgt ctatcatcca ataaatattt atggtgtaaa aaaaaaaa 168

<210> 983
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)

<223> n = A,T,C or G

<400> 983

cttgggcttg ctgcctgctc tgtacttgcc ggcaccactg gtntacngnn catggggccac 60
ntccagtggt tttgtgncta actgtningac tgaaccact anatacctta tgcngngnct 120
ngntcaactg nacancattg ctagcanctc cttgtaatga tgagtgt 167

<210> 984

<211> 166

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

<400> 984

aacccttttc tttggcaatg agggnaacta caaagnaacc aaatataatt ctgaaattca 60
ggnatctgta ttttgagatg gttttatttt cagaatgaaa agtatatatg gttatcttta 120
tgaatgtaaa gacatgagaa aagagttatg atggcaaaaa aaaaaa 166

<210> 985

<211> 166

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

<400> 985

ggtgggtgtc ccaactctgt ntacgcacaa caaacctna caccatgcac gaggtgcatt 60
gtgaaccgnt tcacatnnaa accacatacn acagggaaag gcnatnggna gnnantangg 120
ctgggnagaa tgntggccnc tggaaggagc ttgtttggtt gttcag 166

<210> 986

<211> 166

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(166)

<223> n = A,T,C or G

<400> 986

gaggaggagg aggaggagga ncnatagga ggangaaga tcaggggtcc aaggttgnc 60
tntggatgtg nntgncaatg acctgacgn tctgattctt cnacattccn cctcccaatt 120
agctggcatt gcaggncgca caccantaca tatccatatt ttatgc 166

<210> 987

<211> 166

<212> DNA

<213> Mus musculus

<220>
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 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 987
 gtcaccttat gctaaaaatng gcttgggtggc gntaggttag ttagctcnat tgtctcttcn 60
 actctgggggn ngggacgatc taanacaaaa ggccgttatn cngtaaaaac nagnngggcga 120
 cntntgaaag attgtggcna cncgccgggn accaaaaaaa ttctct 166

<210> 988
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 988
 ctaatgatgg agcctgnatt aaggccangt atgtgggctc gaagcactaa ggaagaatgc 60
 atgntctagg ttctannaga gacctncatn tcnncaaaca angnggtcaa ncagtagnan 120
 aagcaagcag acagtagcaa caacagcaaa aatagaaaat tactaa 166

<210> 989
 <211> 164
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

<400> 989
 gaactgaggg tttctntggg naggagctcc ttgctgctct ggtanctcac tctgcnnacc 60
 acggttggcc tggaactcac aaaagtgggt ggattaangg catgcaccac ngctggccag 120
 cctcatttna actnttaaaa aaagagacaa taggtcatga gctg 164

<210> 990
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 990
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 aaaccacgca gngcnntgct nntanaggaa tgcntaggac tggcanacaa aactttttatt 120
 cttagaacta tggnnagggg taaatttaaa tactcttttt aag 163

<210> 991

<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

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tgatgccctt tctaccgagg gagnaacccc ggcngectcc ttncatncat cgcnntctag 120
acactgtcat gatttagagt tataaacatt atttctttat ag 162

<210> 992
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 992
gaatccgtta cgcttactga aaagtittgga tgancggccc ccagataaat ngagaaagcg 60
aagaaagtgc atctcactnc taaagcaaca atttgggggg ngngtggcc tgtgattagc 120
atncgcttcc catagncata ttattagctc agcgctgacg a 161

<210> 993
<211> 161
<212> DNA
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<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 993
cgctttttct tgactgtggt gacttgcanc atcctaccag cacatatcag tgatgataat 60
natcagggca tcctgccaca tatgtntctg nactgtcct gccaccatgc caatgctctg 120
nncatnttnt ttctcggaa gcacagacag aagtaccgt c 161

<210> 994
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 994
tgggggggcat gaacagcata atggaccagg ctaagcttgn gccanggaag ctgctacctg 60

nttnggcggg acgcccagct ccaccagggc atttncacgg gcccnaccca ttatnttgaa 120
 gcccaacccc tgacaancaa aacacttggg aaaaaaaaaa a 161

<210> 995
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 995
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 agtgntgcg aatagtatca agctgccgct gatgacttgt gaagngaact gctgatttcc 120
 agnacaacgc nacggggagt tgctccaaaa ggaacctttc c 161

<210> 996
 <211> 160
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(160)
 <223> n = A,T,C or G

<400> 996
 acagcctgag cagacngcca tcnctgaaac cngncngnat natggngctg nctngatanc 60
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 ctctgtttcc tgaaggccta attttgtgtc atgcattttt 160

<210> 997
 <211> 160
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(160)
 <223> n = A,T,C or G

<400> 997
 tgacctacgt gacctctgnc ctgagtacct anggtgncta cancttcgcc tgggtttcttg 60
 cccnanagcc tancttgtct tcttgttggn nctcaccctg cgngtgctgg tctcagccca 120
 gtatcacctg tcntagggacc agntgagccc atcctggcca 160

<210> 998
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)

<223> n = A,T,C or G

<400> 998

cagagatgat cttctactaa atnccacccc acccccatcc ccgggcnagc cnttggatga 60
ccctttttcc cttaactgtc aaatgatgag aaagcacggc ttaggacatg ngacaggnga 120
nacagatcct ggnaggctcg ggggaggggg ggggtcagg 159

<210> 999

<211> 159

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 999

ggacgatgtg ggacaatgaa anagagccgc nganaggcct tgctttcact tacattngac 60
tgtggccttc ctgnggcacg tcagcagaac aacgcacggg aagncngntc tctncttcca 120
tcacgtggga agactgaacc aggttatcag gcttggggg 159

<210> 1000

<211> 158

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(158)

<223> n = A,T,C or G

<400> 1000

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cgcacgccat accccagcct tattccccca cctccgaag caacaacatt tatctttgag 120
tttctgtct ttctattaag tagtgaacca tgaactca 158

<210> 1001

<211> 158

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(158)

<223> n = A,T,C or G

<400> 1001

acaccaggag ccctgcaaac tgggaattat agtaagactg tggaggccac catttgagtg 60
ctgggaactg gaatctagtt cctctccaag naacagcaag tccctggccc atctgagttc 120
ctgtcctgat tttcctcagt gatggattga tgtggaac 158

<210> 1002

<211> 157

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

<400> 1002
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 cnactgccct tcgtgccanc gttnactgcc atntgcncnc aggagcagag gcnaccntcc 120
 ctgtnttnga ctcatccata ncctggaccc gccaata 157

<210> 1003
 <211> 157
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(157)
 <223> n = A,T,C or G

<400> 1003
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 tgaacaggct ggtnnaggg atacaaacac ccccacg 157

<210> 1004
 <211> 157
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(157)
 <223> n = A,T,C or G

<400> 1004
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 gggtccacag acactcagtc tcaacgacct gcaccttccc gcgcctgggc ccgaagtgag 120
 caaagtcaat gaaaagtttc accctcaaaa aaaaaaa 157

<210> 1005
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

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 tccgcaatgc aaaacattgc tatggctttc ggccgcggca gccatcttnc antaactcgc 60
 caaaangcag gnaacacann gggtaagagg agcaggcacc ccggtgtaca ttntntaggn 120
 cttttaggaa anatggnatt gttcctttgg ccacat 156

<210> 1006

<211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 1006
 ggactactca tcttagagct gtnaccgtgg gaaacactcc nactgtaact ccccaanctn 60
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 ttcntgcaaa gatctggana caggactttt ttgggg 156

<210> 1007
 <211> 155
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(155)
 <223> n = A,T,C or G

<400> 1007
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 taaangtacg nnttcncctt acctgccaga aaaggannng aggaggccgg aacagctgtg 120
 caggaccctt cagtgttacc ggaaaaataa aaccg 155

<210> 1008
 <211> 155
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(155)
 <223> n = A,T,C or G

<400> 1008
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 caggcctgac actacanagt gagtttgcca gggct 155

<210> 1009
 <211> 155
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(155)
 <223> n = A,T,C or G

<400> 1009
 gatttgctc atctgccttc gttnttacia ngctggnggc ctacaacatn ataacagtat 60

taaaaacgaa cctgcagga aacagccatt caantagggg gatgtcacgt tcaactaggt 120
cctanaggaa agcaagaagt agcaatgaca cctta 155

<210> 1010
<211> 155
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(155)
<223> n = A,T,C or G

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taaaacagga caggattttt attgaaaaaa aaaaa 155

<210> 1011
<211> 154
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 1011
gctcaaactg gctacagtta aagggaggaa gnngcctatn nnactgagga aaangancta 60
cngaggnatg gttctgtcct ttggaaaaag acnagatggg gccngggcna gtntctgaaa 120
catgtattgn ntcacttacc taaaaacagt ggga 154

<210> 1012
<211> 154
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 1012
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ggtagacaac anggataagg gtgtatttat tatgaaagca aaagttacat gacatcttat 120
ttctatcaaa ataaaatata aaagtatttt aaat 154

<210> 1013
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)

2005-2006-01-02

[illegible]

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<213> Mus musculus

<223> n = A, T, C or G

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acctgggtct ctcagtaagt ctctgcctc aactatccaa gtacctgggg actgcagttt 60
taaagtagct gcttnaagtn tcanccnga cntgccttt attgntggat aggcattagg 120
aagtgtaaac caagaagaac ccttttcctc ccc 153

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<213> Mus musculus

<223> n = A, T, C or G

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tgactacagc ttgccanac ctttatgagc tatgcaanac gtggtncagt cagaaggang 60
ccccagccaa tgaanacgat nnatgcngga ggtnanccac gctccacatg tncatgcctc 120
atgggtgacag aaacagnggt tgtggaatca aaa 153
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<213> Mus musculus

<223> n = A, T, C or G

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gatgggggag gagggnhtgg ggcacggtgg ccacctgcag catgtggcct gcgcctggct 60
gnnggctccc caggcanctn cttttggggg cagccgnggc tncacgtca actctggagc 120
ccccaacagc tttgcaggct ccagggcccc ggg                                     153
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<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 1017
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 ttnggggna gagggngaca tccagcggtt tcaaagggnc tntgtatctc nactatggct 120
 cacatatngc cgggacttcc cacccttgct tg 152

<210> 1018
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 1018
 ggcagctagc ccgaggacan ggatcccggg gccgtnncca cnnnaacct tgcccctggt 60
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 gactgggnag taaaactttg ctttagtctt tg 152

<210> 1019
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 1019
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<210> 1020
 <211> 151
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(151)
 <223> n = A,T,C or G

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 atgtgcgtga ataaaaccct ttaaacta a 151

<210> 1021

<211> 151
 <212> DNA
 <213> Mus musculus

 <220>
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 <222> (1)...(151)
 <223> n = A,T,C or G

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 tgtgaangct gaaccctggg actgtgaaaa a 151

 <210> 1022
 <211> 151
 <212> DNA
 <213> Mus musculus

 <400> 1022
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 gggaacagta cccgcaacaa ccaacaacac caagtaaga gtacacaagt tgaagtacac 120
 aacacttgat ctgaaacaag aagtttgtgc c 151

 <210> 1023
 <211> 150
 <212> DNA
 <213> Mus musculus

 <220>
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 <222> (1)...(150)
 <223> n = A,T,C or G

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 nctacactat gtattctggg ccagcctggg ctacaaggag accctgtctc aaaaataaac 120
 aacagaaaaa cttacctga aaaaaaaaaa 150

 <210> 1024
 <211> 150
 <212> DNA
 <213> Mus musculus

 <220>
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 <222> (1)...(150)
 <223> n = A,T,C or G

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 atttgaaaga aattgtcaaa agcaaaaaaa 150

 <210> 1025
 <211> 150

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 1025
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ctgttttcat tataattaaa accacttctg 150

<210> 1026
<211> 150
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(150)
<223> n = A,T,C or G

<400> 1026
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atntgtttgc gtgnttacgc tgtanacacg gnatgatgaa cagngttcaa acctaacagt 120
aaccctntac tgtgaacatg tgatttttgt 150

<210> 1027
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 1027
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tgcctntgga ggaaaaccaa anntggngcg ngatacatgn tctcgggaac ttcaanggag 120
gctgaanaca cccntccctt cctagaaaat 150

<210> 1028
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 1028
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gaacangccc gnnntaccag cactgagagg aagacgtttg gtaactcttn agtggttctac 120

atgactctct gnatgagacc cagggcagaa

150

<210> 1029

<211> 149

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(149)

<223> n = A,T,C or G

<400> 1029

tcctagtgtg tcatccccag atgccgtccg gncaccgnaa tcattatnca gtcaccgnaa 60
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tcttcttttg ctgccctaga aaaaaaaaaa 149

<210> 1030

<211> 149

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(149)

<223> n = A,T,C or G

<400> 1030

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gaacaacgca cggaagtc nttctctct tccatcncgn gggaaggacg tgaaccaggt 120
tatchagctt ggggtggcaag caaacact 149

<210> 1031

<211> 148

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(148)

<223> n = A,T,C or G

<400> 1031

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ttttgtgctt tggatgcatc tctgaagata tnaacntnag ctttcgnggg cttaagactg 120
attncaaggc tgtgtggcct gtttacca 148

<210> 1032

<211> 148

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(148)

<223> n = A,T,C or G

<400> 1032
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 ggaccaaggc ttagaaaagt gatgaagc 148

<210> 1033
 <211> 148
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(148)
 <223> n = A,T,C or G

<400> 1033
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 tgcccccagt agcaagcctg atcatgagtc acaacagcaa tagcaggcat tgtgctaagg 120
 gnacaataaaa tagttcttag ctcatgaa 148

<210> 1034
 <211> 148
 <212> DNA
 <213> Mus musculus

<400> 1034
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 gtcaacttac agggaatctt cgcttttaat ttttgaaaat tgaatatttt atattaaata 120
 aaagatgttt ggtgtgtaaa aaaaaaaaa 148

<210> 1035
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

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 gtacattcca cacacatacc tacgcac 147

<210> 1036
 <211> 147
 <212> DNA
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<220>
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 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 1036

gcaataaggt agtcaacgca naaggaatnt ggactgtgct nagccagtgg atctaccacc 60
 ttgctaaggc tncnaccctt gaatacagan nntcttgnnn tggngacccc ctcccccaac 120
 cataaaatna ttctcatggc tacttca 147

<210> 1037

<211> 147

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(147)

<223> n = A,T,C or G

<400> 1037

cagtggctgg attgggaaaa gcactgctna ctgcctnag tgtggaaata atgntcctct 60
 tgagaaagga cngcanagga actanaacag gtnganncct nttagtcaca atggnaagga 120
 agctactcac tcaaagaggc caacgaa 147

<210> 1038

<211> 146

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(146)

<223> n = A,T,C or G

<400> 1038

aggtggagct tgtgggtgac ntgcntgatc atagtctacn ntanggncca cctnccagag 60
 gtctntgtgc ccacgnggtt ngaaaactat gtngccggat actnaggngg atgggaacca 120
 ggtagagtgg acttttatgg gcacag 146

<210> 1039

<211> 144

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(144)

<223> n = A,T,C or G

<400> 1039

actcctccga ggggggggaa aaagntggcc acaatcccac aggcangggg tngcataaca 60
 ggantcngtc acngnancct ctcttgacag ctatggnang gatggagcca ngtccttaaa 120
 agnagacaca cctcccttgg tagg 144

<210> 1040

<211> 144

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(144)
<223> n = A,T,C or G

<400> 1040
gcggtgattct ttaaaaccgc ttcgaantca ttggaanaac ctacagctgg nctctgnttg 60
ctgacatggg gaggccacgt ggctctacgg gnaagcactg gtaantacct gacagcatcg 120
acaccatccg catcccacgt atac 144

<210> 1041
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 1041
cgccgcccc agggacagtc acccncggcg cgcgagaagn aggacagcac gtgggcnaga 60
tgngtctgcc atgccnacgn aacgcacgga cgctcggacg gactncacaa gcatccaccg 120
gncactgccg ccgcccagag tga 143

<210> 1042
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 1042
aacagctgcy cggggngaen cggggatcat gtagangng tgcttccatn aannccattc 60
gggggagaac aacaactttc agncaagaat ggcgggaggg aggaagctgc acccaccaaa 120
atgggagggc taacaaaaaa aaa 143

<210> 1043
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 1043
caggaattac agactgctgt tacctgtcac ttgggtccag ggaactgntt ccaaancatc 60
tngnagatcc tttgtaagag tngccagcac taaantgctg aggcancatt ctagtccctgc 120
aaccatttc taacaaaaaa aa 142

<210> 1044
<211> 142
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 1044

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ggctcaagac aagcctttcc tggtgaccat gtgagctnng gnttatacag tgccataaat 60
taacattgcc ttgacgacgt cgtggacacc ngagacctgg cctcagaagt agtaggcctt 120
tttttttttt ttttttaaaa gg 142
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<210> 1045

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 1045

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attagctttg agattcttga agngagaagg ttttacctct gtttccatct ttgtatttat 60
ctatacacca tgctccttgc ntccctttct ctgactgttg gcaggtntgt gatccnatcc 120
tgtgtttaaa gtctgaatat ac 142
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<210> 1046

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 1046

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gacgcccttc ccgaaatncc tcaggctccg gtcaggnggc cacgataatg aggctctcat 60
tntcgnaaaaa gctggtgcan ctgccagggn tccgggctgn cagccaggnc tgctgtatag 120
gcggntccac ctggatgcaa aa 142
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<210> 1047

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 1047

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accatgtcta tatcaaaaana acntctacag catcnnacnn cnttttaaaga acacccgccc 60
attaaaaatct acaaacagag ctgcaccctt cacaatagta tatgaactct gtcacaatat 120
aaaatggggtt cctccgacac ca 142
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<210> 1048
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 1048
 ccttggcagg gcttgcaactg agttngaggt gttgngtaaa tgggctcctt ncacacgtgc 60
 tgnngctgang cctaaccncc ttcttctaca ancatgatgc aaattgctct ctgngggcat 120
 cgttntacca cgctaagcac cg 142

<210> 1049
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 1049
 caactaggac ccagttcttg gttctaattc tcaaattgga tttggatgaa ttagactgga 60
 aaattactga gattttttaa aaatggattt gggctcnaga gagagctcan cgggtgaaag 120
 nactgactgc tcttttcaga gg 142

<210> 1050
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 1050
 ctgccggggc cgtaccccc antgaacgct antcccttg nncctgcctt ctccgcttca 60
 aggacaaaac caggncaggt ggcgggngnc ttttnactag gaatgnctgc anaactgtgg 120
 aagtaaaact tttctcctga gt 142

<210> 1051
 <211> 141
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(141)
 <223> n = A,T,C or G

<400> 1051

gcagctttcc gttccagaag agacagtaca ttcctgaaan cacagacacc ttgnatttgc 60
 ctggcttgnn ctatctgntc nccgaaanac ctaaggactg cntatggnan ttcagaatct 120
 ncacatacat acagaaggca g 141

<210> 1052
 <211> 141
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(141)
 <223> n = A,T,C or G

<400> 1052
 catccccacg gcgacgnatg gacggacgna ctccacnctg gtgcgcgtgt cacctnaggc 60
 cggccaggat ggagccactc tcacnattnt natcaggnc tgnccncgta cagaattgtc 120
 cccctcaata aaattgctgt t 141

<210> 1053
 <211> 141
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(141)
 <223> n = A,T,C or G

<400> 1053
 gctagagctt gttctcntcc ttgaactggt gttatgagac nnatgcagga cctnatagag 60
 gatanctatc cctatgtcac tccaggaacc ttaggaccaa ctttaaata anngggaagt 120
 ctccacatcc agatccagct g 141

<210> 1054
 <211> 141
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(141)
 <223> n = A,T,C or G

<400> 1054
 ggggttacttc gcattgaaca tttgtngtaa ctgngaccaa cggcgtaacg ggtacaccgt 60
 gcncagnctt tgnaccntgt gngtgctgag gccnnnncta aaaaaggtag tacncgtgga 120
 angnggatcc actctgacgc g 141

<210> 1055
 <211> 140
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(140)

<223> n = A,T,C or G

<400> 1055

tcctgcctgt cccgttnccct tgtctccccg nggtgcttnn tnnegctgct gtcccnccctg 60
ctgctgcctg ttgcccgcct ggcccggcag nacctnctgc ccttgctgcg ccggctggnc 120
caccaactga gctcccaaaa 140

<210> 1056

<211> 140

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(140)

<223> n = A,T,C or G

<400> 1056

gggctccccg gccgttacct cnttntctct tggcccttgc tcctacgcnt ctnacttnaa 60
anaacaaacc aggacngtcg gcgggggctt atacagcant gcttcannac tggcnaagga 120
aaacttttct tcttagtact 140

<210> 1057

<211> 139

<212> DNA

<213> Mus musculus

<400> 1057

tgggcttcag aactgtccct gacatcgta cccagaagc tggctgtgcg atttcacagt 60
ttgaaaggct agctctcatt tagtcagtaa gtcctatttt ggggatttct tctggaataa 120
aagttaaaaa tgaaaaaaa 139

<210> 1058

<211> 139

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 1058

atacgaccat ggaacattan gtgggaactc agaaagcaca gcgtgcaggc aatgntgact 60
tctccttnga ccatgatgga tcctaaggga ccaaactntc nmatntatgc ttggcagcta 120
gtgtaccttt acgcactgg 139

<210> 1059

<211> 138

<212> DNA

<213> Mus musculus

<400> 1059

gaggcctgtt cgagggttcc agacatgccc tcaactgtca tctatgtgga gctgggtgac 60
cgaaccccag tattcatgcc tacacagcaa gtgctttacc aggtagccaa tgaatacatt 120

ttttgaagca aaaaaaaaa

138

<210> 1060

<211> 138

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(138)

<223> n = A,T,C or G

<400> 1060

ggttttcgtgt cacgggggttc tttttcgtgt anggtggggg cgtnnantag aatggcggggt 60
atggntgggg gngaggacg gcattaagna ngnaaaagga aggtngtnc tgtgtancag 120
ggtaaaatat ggtggggg 138

<210> 1061

<211> 138

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(138)

<223> n = A,T,C or G

<400> 1061

acaagtctat gacaggacgg tctantgctg cnaactncatn cgcacngcac nttaggtgaa 60
ttacacggga ntaangtaag ntagggcgga cncacatctt tcatggaaat tgagtanaga 120
anttaccagg aactactt 138

<210> 1062

<211> 137

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(137)

<223> n = A,T,C or G

<400> 1062

ccaagttgat ctaggggggn atgggcttat aactgacac attttatana ggcattggnt 60
ggcccaagtt gactgatagg ntcccetnaa gtnnantggg gcctgtgaaa ggtnnaaact 120
taaccatgat tttcttt 137

<210> 1063

<211> 137

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(137)

<223> n = A,T,C or G

<400> 1063
catccacat tggtttagagt ctccacagcn cattcttgnt aatggagtat atggcaagtc 60
gccttctncg taggcagncg nntcganag cacagagtac cagctngtc acngtcncat 120
catcacataa caccaac 137

<210> 1064
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 1064
actgaggttc ggagctcaca nncgatctnc cacggggagg gtcacaacca tccgtnncaa 60
ncacctcgac tccctcttcn ggngtgtgtg aagacngcta cnttgtactt acgtatnata 120
ctaaatacat ctttaaa 137

<210> 1065
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 1065
ctgtaaaactg tttcctgctg accganggag tgctggaatg cctgcccagt angtgccagc 60
gctgtaaaatg ctcaagtgtaa aatgagccca tgtaaagggc tcaactcagc acaaataaaa 120
gttcaagctg gaactta 137

<210> 1066
<211> 136
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 1066
ttggtagact gaggtttnta atgcctatgt gtatgcgcga atngtttgta agggcaaatt 60
atgcaacctta aagaaaaattt aagcttggat gcctaaatat gaagttgtac ttaataaaaat 120
tttataccca catgag 136

<210> 1067
<211> 136
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 1067
aggtagtgttg tgagcgcant nttatacttt gctgaatnag agctcccgag ncttgtgcnc 60
aggtttctat ggcnaggant tgctcctatg tctcatggga ggnncggatg ccancggaan 120
gccccaggaa gcatga 136

<210> 1068
<211> 136
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 1068
tgctttctgac ctctcnaacc ngctgactat gcacacctga ggcactcaca catacctgac 60
tggcctggca ctcantgcat anaacgagcn ggaccttagc tcaactgacat tnggactttt 120
tactgcctgc tgaaaa 136

<210> 1069
<211> 136
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 1069
ccactgggtct gagttgctgg cacaatcgca aggntnagta tgnatnctg tagnaacaaag 60
gtcactggng gaaattncaa gtacacnact ntngtctatt tatattngaa atanaactat 120
actgctattg actaac 136

<210> 1070
<211> 135
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 1070
aacttggttag agggacaagt ggcgntnacc cacccgagat tgagcantaa cagnatctgn 60
gatgccctta gatntatggg gctgaacgcg cgctacactg actgnctnag agtgggccta 120
ccctacgccg ggagg 135

<210> 1071
<211> 135

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<212> DNA
<213> Mus musculus

<400> 1071
actgaggcag gtccctgctc cagctccagt agaatctgaa gctgaccctg gtacctcaag 60
actcataccc aaggaccggt aaaggagtca cagaaaagga aatattatct cattaaaacc 120
gaggaacaaa ggacc                                     135

<210> 1072
<211> 135
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 1072
attctgcctc atgattcctg gncctcgtc ccaaataaaa ggctgccacc tgtcncacct 60
ggcttctgag aacactgnna gnetcaagtg gagagatcga tgaaatacac cgcagnnngc 120
tttagtccta ctatt                                     135

<210> 1073
<211> 135
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 1073
catgacgctc agaccctcta cctatcgagt nacatcgagg ccctgtgaat gcttattctc 60
accgagtgna cgcgaagcct cctggcagan annnctgngc tcattaaaca gtaccagtgc 120
cttggccccac caaga                                     135

<210> 1074
<211> 135
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 1074
cctctcacgt aattcggtag cctactgcaa ggctcttacc angcccgcac gggaagcccc 60
gccccgggna ggttgctagg ctncggnagc cgnaagtncc gnctgnggag tagtcgningc 120
tgccgccgcc gcctg                                     135

<210> 1075
<211> 135
<212> DNA

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<210> 1079
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(134)
 <223> n = A,T,C or G

<400> 1079
 ttacaataca gacgacctat nttttancag agacgtgtgc ccatgggtan antctgtnc 60
 cntntactaa ggntattnga ggctttacca caancactgg ggcttttccc aacccttta 120
 cacaaggggt acac 134

<210> 1080
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(134)
 <223> n = A,T,C or G

<400> 1080
 gctacggcct ggatcttngt ggtaacncag gaacaagcgt gcagganctg annnctnctt 60
 tgtntgtgg atcctaagga ccnaactaag gnattaangc ttggnagcag ggtacntta 120
 cgcactgaac catt 134

<210> 1081
 <211> 133
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 1081
 tgagatggat tgtacnccgg ctncnaggac caggccctgg ggtnccecca aagcgnnctc 60
 gagggcacct atggtgatga ggannagcct tcgccgtcan acnctgangg ctaacctgga 120
 cctgcatgga ttc 133

<210> 1082
 <211> 133
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 1082

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gggctgaggt tttagccggg gcaacggcca gaattacttc tngnggaact ctcaaaggtc 60
ttttcaggaa gcatggaaag ccnccanat atctacngcc tcgaatcgag gaatncgagc 120
tcaaaaaaaaa aaa 133

```

```

<210> 1083
<211> 133
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

```

```

<400> 1083
ctctaatacat ctcataatattt agtgcttttag gttttttaca tgacacatcg attcncctgg 60
tgccatgccn atgggangca cttnnnattn gcttctttcc acccagctan gtcttcngct 120
taataaatct gcc 133

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<210> 1084
<211> 132
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

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<400> 1084
gtatctggag cacacattga gctcagtnga ttatttttaa agagagaaac tagaagttag 60
ggcaggggat gagagtggat cagtatacac tgtatataat tctcaaaaga actnatgaaa 120
gtacaagcaa ag 132

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<210> 1085
<211> 132
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

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```

<400> 1085
tcgtgtgggc acatccccca aangctttgc attgtgtgat tctgagccct cctctgtctg 60
tcagttaatt gataaatcta attgattaac tactatacta caatgaagac aattgtcccc 120
acaaaaaaaa aa 132

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```

<210> 1086
<211> 132
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature

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<222> (1)...(132)
<223> n = A,T,C or G

<400> 1086
ctctggaaaa tctgctttgt ctcggggntg ggangcttng ctgcnncant cgttgcttaa 60
cacgcccant ggtggtaaac tgnagaagcc anacacgtna cacctttcct aatggaacca 120
ggaggaatat tt 132

<210> 1087
<211> 132
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 1087
tactgagcag gtagagagag gcgggacttc tgggcagaga tggactctgt tggaagaatc 60
aagtngacac ggagncgctc ggacttangg agtganaaaa aggtaanagg ccacnggccca 120
gacatggatc ca 132

<210> 1088
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 1088
cctcatgctg ctatccgagn ganccagtct ctgagcanga agcccaagca nagaagngaa 60
ggaanaagga ggcggaatcg tcccaaaatg tctctngccc agagnaaagn tcgggttgct 120
caaaacaagg c 131

<210> 1089
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 1089
tgaacttgct atggcattgt tacaagtacc tactggcacc gtggttttgt aggaaatgtg 60
aatctcagga ggagagcagc cagngtgagt atgtnagctg tgtcccatg canntatggt 120
agctttaaaa a 131

<210> 1090
<211> 131
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(131)

<223> n = A,T,C or G

<400> 1090

aactgatcac ttttcccatg tataagcgca nggggggtcn tngncatgga nngtnntttg 60
aaacctttgt nacttgaagc gccctttant cctgcagtaa ttnttggtgc tgnctgggtt 120
atgcaagcat a 131

<210> 1091

<211> 131

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(131)

<223> n = A,T,C or G

<400> 1091

tcagaggata actgtattta ttttgatttc catgtgtaaa tacttttagt atacagaacg 60
agctatgcct aattagggca ccattttaaa aaactgaaat ctttanggnn gnggttggtc 120
tttttctaata 131

<210> 1092

<211> 131

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(131)

<223> n = A,T,C or G

<400> 1092

cagtaccagt gccctgggtc cagcaatctg gttggcttgn tgggtaangg tgcttgctac 60
agagcctgng ggatgccagc ccaaccctg gaaccncca cggcggaag aaaactaact 120
ttaccaagcg g 131

<210> 1093

<211> 131

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(131)

<223> n = A,T,C or G

<400> 1093

gggggggggg gggggggggg gnangnctgg gagtggncct tgggcctgcg gtaggacctg 60
ggncagangc cttattactt nttgtgnaa ctctcaaggt cggacaggca agcatggctg 120
gttccattta t 131

<210> 1094
 <211> 130
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(130)
 <223> n = A,T,C or G

<400> 1094
 tgaacattga ccttcctgac tgnagatntc antacgntag ctgtctcctg nttgnnntac 60
 tatgcctccc ccttccatca tggactgtac tctggaactg ngngcccaaa natakacttt 120
 ttttctgttt 130

<210> 1095
 <211> 130
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(130)
 <223> n = A,T,C or G

<400> 1095
 ctgactggac gaagccttgc gtgtaccaca ggctgaagga ggaggaggag gaaggccagg 60
 aatgctggng tgaatcttna agggccggcc aactgaaatc atggganaaa tgccagctac 120
 cacctaatat 130

<210> 1096
 <211> 130
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(130)
 <223> n = A,T,C or G

<400> 1096
 acaacaccat cagccttgcn ctcaaagtac tgaagctgcg atgacaagca caggcnccag 60
 atactagagg gncngattta agangcggan atactagtga anttctcct gcgcatgcat 120
 gtgggccgcc 130

<210> 1097
 <211> 129
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 1097

agaagggctt gagaancccc tggnttacaa gaggatnagt ctgcccacn tgggtgcttg 60
 nacntcagat ncngtgnaag agcagnatat gntnttaacc gcctgagcaa caaaacaaaa 120
 cgaaaaaaa 129

<210> 1098
 <211> 129
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 1098
 ttcgtcattc cattccctgc ctcagaaagg atggcagctc catcgtccag ggtgctgggg 60
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 attcattca 129

<210> 1099
 <211> 129
 <212> DNA
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<220>
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 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 1099
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 cacacataa 129

<210> 1100
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 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 1100
 gtgccctttt ccaaaccacca cgtggnacag ctactggagc tcaaacaaca cacaaggaaa 60
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 caagtatga 129

<210> 1101
 <211> 129
 <212> DNA
 <213> Mus musculus

<220>
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<222> (1)...(129)
<223> n = A,T,C or G

<400> 1101
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gggagatgg 129

<210> 1102
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 1102
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cctcttcctg gaagtgtctg aggcacagct acattgtact tacatataat aataaataaa 120
tctttaaaa 129

<210> 1103
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 1103
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ngnagnaaac cancgggant gacgtnatgn cttttaacna gnaatggctc gaggactggc 120
gaaggaa 127

<210> 1104
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 1104
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ttgacatgct ttacacccgn acctaggctn angnaagact gtataanagg ggtcagaata 120
cttgcaa 127

<210> 1105
<211> 126
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 1105

gcactactca caacaaggnt ncgcccacca nggcactttc atactcactt tctnnttgnt 60
agгнаааааа naacgagaaa catgggtctcc antgttctctg cctnatggg tggcaaccta 120
acctta 126

<210> 1106

<211> 126

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 1106

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gtgggc 126

<210> 1107

<211> 125

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(125)

<223> n = A,T,C or G

<400> 1107

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ttactctgac ccantgggct ggcattgcaac ccnggaacc cgaanaccac attacctaaa 120
aagct 125

<210> 1108

<211> 125

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(125)

<223> n = A,T,C or G

<400> 1108

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ngggcgcaaaa ctccctgcaat cccaagagga cactcanaag cgtgaggcnc agcaaactga 120
agatt 125

<210> 1109
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 1109
ttcatacc aa tgcaccgcca anctaagcat taagtnctct gggaggacac agaaggccta 60
aaaaccggaa gagtctgttt gttgaaggga aactgaatc aacagcagtt ccaacataaa 120
aaaaa 125

<210> 1110
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 1110
aacatccctg ctagccagcc agtactagcc cgtccagctc caggactgag taantggctn 60
tgntcaaaaa tgatgatgat natgaccaca atgtananat tgtttgngga agacacctcg 120
atgtc 125

<210> 1111
<211> 124
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 1111
ggctgcagtt aagttatgtg acattcctca tattgagcat agtatggggg ggtctgtggt 60
cctgtgaacc ggcccggcca agaaaaatat aaaaggtant gtttgctttg tttaaaaaaa 120
aaaa 124

<210> 1112
<211> 124
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 1112

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 ctactgtctc tntttgnatt ttantaaagc acacataaca ggaantanta ctgtccgtat 120
 catc 124

<210> 1113
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 1113
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 ggggtgacga taggggnaca gtaaagccca ctttagtttt ncnttntgac tttctgaacc 120
 agat 124

<210> 1114
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 1114
 aacactgctc acggacaant gcancctgaa tgctcctgaa gagggggcnt cctcncaact 60
 gtgtanatan aatatgnaca aaccnannct ttngtaciaa acctgacctt ttgtacaaca 120
 cctt 124

<210> 1115
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 1115
 ctgtgtctcc ctgaaacntt gaacaagtgc taattgcgcc tgctaaccct gtggccntgt 60
 aactgntagc tttgctcatg acanccncag gacagggagt tgcttcncc tgaacctttt 120
 tgca 124

<210> 1116
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(123)
<223> n = A,T,C or G

<400> 1116
cctaaaaata ttatgtccac caantgctga ggcttccagg nntnagaggc annaanaacc 60
tgtgcctggc tggaggagaa agagaaggag gttgncagng ccntg'gcct actttaagac 120
cat 123

<210> 1117
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 1117
acccaggcgc cactggatat cgcgaannt atccaancaa cagaatcgaa gtccctccgg 60
ttggatctag cccgtgctga gggggaaang aaggagctc tggctgggtc ctgagggaat 120
aaa 123

<210> 1118
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 1118
caggatacat tgctgctatg tntgntagta aataactgtg tacaccngga cnntgggtggc 60
gcacgccttt gatnccatna cttgggnagg cagcagttag gcggcattta tgaatggcga 120
gg 122

<210> 1119
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 1119
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nnttnggcaa gccgaacntt ccgctcaaga taaagttttc gagtagaagc agcacgatga 120

<210> 1120
<211> 120
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 1120

ccctgcatat gtggcacaat actttcccga gggtaccctt angcagctct tgccttgnaa 60
ctcaccaaca gtattgatct gcaaaactaat gaggatccnc tgattccact agtgctagga 120

<210> 1121

<211> 120

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 1121

gagcaaccac acacttttctg attggangct aacnancata ctactgggan ngancccata 60
tanccacttt taagcgtaag gcaanaactc tgnngntagg aaaagacata gacctggtgg 120

<210> 1122

<211> 119

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(119)

<223> n = A,T,C or G

<400> 1122

gagtgggttt agggctggng catagcctgg nacagangac cataaatcta cttgcttgtg 60
ggaacttctt caangtccgg cacaggaag catggantgg ntccattata aaaaaaaaaa 119

<210> 1123

<211> 118

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(118)

<223> n = A,T,C or G

<400> 1123

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ngccngnant atgantttgc ccantctgng catggaatat tnaatgctgg tggctctt 118

<210> 1124

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<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 1124
actgaggcat ggcccgaggt gtgtctgcnc nngggctcta nctctgcacg ttcgatgggt 60
caagattagc catcacgggt agccctggag tggantacca ncatgcaaaa agaaaaaa 118

<210> 1125
<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 1125
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atgcagntgt cttcgagtca cttctgttcc tgtaantaac catcacccat attcctgt 118

<210> 1126
<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 1126
ggactccggg gccgtccac agtnacgctt gncctgttc ctancttctg cgcttaagan 60
aaaccaggca gtgcgngct ttacagnaat gtcagactg caagaaaact ttctctag 118

<210> 1127
<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 1127
tggattgtgg aaatgtgccc agaagcaggt ttggcgggtc agcagcntgn tgcccancan 60
ancctncagt ccttctggcc cagagtcatg gaataaatcc gaaacttaac agggaaaag 118

<210> 1128

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<211> 117
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

 <400> 1128
 gagaaaagga agaggaagcn cagccccac cccccccaga agtttagggg cctggagaca 60
 attggactac tgtggagttt aaaagctata aattactatg ttcctcaaaa aaaaaaa 117

 <210> 1129
 <211> 117
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

 <400> 1129
 tatgagagaa tgcaagcgct gtacctaggc tgntgacaag ctagcangga tttaatgtaa 60
 caacagaatg gattcataaa taaactgcga gcacgtggtg ggatttaaaa aaaaaaa 117

 <210> 1130
 <211> 116
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(116)
 <223> n = A,T,C or G

 <400> 1130
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 tccagcctct gaggactgtt ttttccgctt taagaaccta cctcgaaaaa aaaaaa 116

 <210> 1131
 <211> 116
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(116)
 <223> n = A,T,C or G

 <400> 1131
 ggccttcagc aacccttggn attacaagga gggatgaatt gcccaacatg ggtgctcggn 60
 acctcagtat cctctgcaag tagcagtaaa tgtttttaa cgctgaaaaa aaaaaa 116

 <210> 1132

<211> 116
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(116)
 <223> n = A,T,C or G

 <400> 1132
 tgcggatgct ttacaggaat gctcanactg caangaaaac tttcttctan tctatgttgg 60
 gggaanttta aanactgntt taagagntaa anaataatga aaaaaaccct ttaaac 116

 <210> 1133
 <211> 116
 <212> DNA
 <213> Mus musculus

 <220>
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 <222> (1)...(116)
 <223> n = A,T,C or G

 <400> 1133
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 gaatgccagc tacagtgtac ttaatataat aataaatnaa tctttaaaaa aaaaaa 116

 <210> 1134
 <211> 115
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

 <400> 1134
 ctaggctact tacttgctac ccgtnnantt attacggncn tatggcataa gcngncaaan 60
 ccnggacctt gaacagggnt gccactgagt ctcacctata gctccacctt ctttg 115

 <210> 1135
 <211> 115
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

 <400> 1135
 ccaaacgatc cagattnccc agcaactgca ggtacaggtg cctggagnac ccccgggggg 60
 ctattatcct agnctctccc atgggggggg ccagntntggc agaggactgc cccca 115

 <210> 1136

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<211> 115
<212> DNA
<213> Mus musculus

<400> 1136
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cccctgaacc ctggcagccg cctaagtaaa atgcataaga tctgaaaaaa aaaaa 115

<210> 1137
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 1137
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<210> 1138
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 1138
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gtangccacc acanangaag cttcgtgatg accgngaata agagggctcc cacc 114

<210> 1139
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 1139
taacagtgcg cgaacctttc tttnttataa caacattctt tncggntcac ttgagtntaa 60
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<210> 1140
<211> 113
<212> DNA
<213> Mus musculus

<220>

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<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 1140
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<210> 1141
<211> 112
<212> DNA
<213> Mus musculus

<400> 1141
tggacctgga gtttagcaatt ggccaaactg gcgtgacaag caaggcccgg aatcctcctg 60
tatccacctc cccagcctc tgggattaca gtcacaagct ataaaaaaaa aa 112

<210> 1142
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 1142
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caataactgt tanaaanctt tcnaatgatn ataagccaaa gctgactatt gg 112

<210> 1143
<211> 112
<212> DNA
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<222> (1)...(112)
<223> n = A,T,C or G

<400> 1143
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<210> 1144
<211> 112
<212> DNA
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<223> n = A,T,C or G

<400> 1144

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tctgcacngt cggnacaggn aagcatggct ggttccatta ttaaaaaaaaa aa 112

<210> 1145
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 1145
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<210> 1146
<211> 111
<212> DNA
<213> Mus musculus

<400> 1146
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gaggacctc cagaagacgc tctcactgtc ttgacagctg aggacaggca g 111

<210> 1147
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 1147
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nnacttttga tttatttttt cattaaatgc ttgcataggt aaaaaaaaa a 111

<210> 1148
<211> 111
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(111)
<223> n = A,T,C or G

<400> 1148
atctgcgtca gactgcanga nnactttctc tagcctatgt gngnggnatt ttaaactctgc 60
tttaagagtt aaataatnat gaaaaaaacc ctttaaacac taaaaaaaa a 111

<210> 1149
<211> 111

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 1149
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gagaaaaatt attatacaat aaattcttat gttgaaagtt aaaaaaaaaa a 111

<210> 1150
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 1150
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tgaatcnaa gnaggaagca cgctgagcat gancattgac ctgctgact g 111

<210> 1151
<211> 110
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(110)
<223> n = A,T,C or G

<400> 1151
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<223> n = A,T,C or G

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<223> n = A,T,C or G

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<223> n = A,T,C or G

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<211> 109

<212> DNA

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<223> n = A,T,C or G

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<223> n = A,T,C or G

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<223> n = A,T,C or G

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<223> n = A,T,C or G

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<223> n = A,T,C or G

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<212> DNA
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<222> (1)...(107)
<223> n = A,T,C or G

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<210> 1168
<211> 107
<212> DNA
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<220>
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<222> (1)...(107)
<223> n = A,T,C or G

<400> 1168
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<210> 1169
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<212> DNA

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<222> (1)...(106)

<223> n = A,T,C or G

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<210> 1170

<211> 106

<212> DNA

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<223> n = A,T,C or G

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<211> 106

<212> DNA

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<223> n = A,T,C or G

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<212> DNA

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<223> n = A,T,C or G

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<210> 1173

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<212> DNA
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<210> 1174
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<223> n = A,T,C or G

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<210> 1175
<211> 105
<212> DNA
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<400> 1175
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attgctggaa ttaaaagcat gtagcatgga ccaccaaaaa aaaaa 105

<210> 1176
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<223> n = A,T,C or G

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<210> 1177
<211> 105
<212> DNA
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<222> (1)...(105)
<223> n = A,T,C or G

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gccttgact gcatgtgtct cctccaatga agagctccaa gagat 105

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<210> 1179
<211> 105
<212> DNA
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<223> n = A,T,C or G

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<223> n = A,T,C or G

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<223> n = A,T,C or G

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<212> DNA

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<223> n = A,T,C or G

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<212> DNA

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<223> n = A,T,C or G

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<211> 104

<212> DNA

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<223> n = A,T,C or G

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<212> DNA

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<211> 102

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<223> n = A,T,C or G

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<212> DNA

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<212> DNA

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<212> DNA

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<223> n = A,T,C or G

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<212> DNA

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<223> n = A,T,C or G

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<212> DNA

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<210> 1205

<211> 101

<212> DNA

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<210> 1206

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<212> DNA

<213> Mus musculus

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